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SHUMWAY'S SEEDS AND BULBS

PRODUCE THE ANTICIPATED RESULTS

R. H. SHUMWAY
ROCKFORD, ILL.
ESTABLISHED 1870

SHUMWAY'S SPECIALTIES

1. Yeager's Golden Sunshine Sweet Corn. **Pkt. 15c; ½ lb. 30c.**
2. White Tipped Scarlet Beauty Radish. **Pkt. 10c; oz. 20c.**
3. Sure Crop Stringless Beans. **Pkt. 10c; ½ lb. 25c.**
4. Shumway's Longfellow Cucumber. **Pkt. 10c; oz. 30c.**
5. Early Model Beet. **Pkt. 10c; oz. 18c.**
6. Marglobe Tomato. **Pkt. 15c; ½ oz. 35c.**
7. Lake Champlain Muskmelon. **Pkt. 10c; oz. 25c.**

One Pkt., each of this desirable assortment sent you prepaid for 65c. Larger quantity as listed 1 each for $1.60.

Foreword

THE history of this old, established seed house reads like the record of the continued, vigorous growth of the sturdy oak. Nourished, developed and endowed with 59 years of unusual service to the gardening and farming public, the house of "R. H. Shumway, Seedsman" has come to mean far more than just a name.

It means "service".
It means "new crop seeds of the finest grade".
It means "seeds that produce the anticipated results".
In short, the name Shumway assures complete satisfaction".

Without these qualities no business house can long continue to prosper. Our ever increasing thousands of satisfied customers in all parts of the country comprise our strongest recommendation. It is to them—as well as to our new customers—that we look for an even more successful future.

* * * * *

It is hardly necessary for us to dwell on the value of well kept grounds. The unusual home-making and pleasure-giving atmosphere which only flowers possess makes them ever desirable. This is to say nothing of the increased real estate value effected by their abundant use.

Man has always enjoyed "growing things." But aside from the genuine pleasure which this activity gives, there is also profit. Doctors and scientists have, of late, directed unusual attention to the health-giving properties of green vegetables and other garden products.

That is why growers everywhere are increasing their acreage. Profits are increasing accordingly. But the wiser the grower, the greater is his realization that his seeds must be right. R. H. Shumway certified seeds become the inevitable choice.

Tested for germination from SELECTED STOCKS, we know when shipments are made that each and every WELL FILLED package contains seed of HIGH GERMINATION —seeds that are sure to produce RESULTS for the customer if PROPERLY CARED FOR and SUFFICIENT MOISTURE PROVIDED.

* * * * *

WE PAY POSTAGE AND EXPRESS on all seeds except where otherwise noted. When a quantity is ordered at wholesale prices we reserve the right to inclose with the shipment the smaller packages which were ordered at the mail price. For this privilege we add extra packages to well satisfy our customers and the addition of these packages does not increase the transportation charge. A liberal amount of extra packages is presented with every order. If they are omitted in your order, please let us know at once, and they will be sent to you under separate cover.

All remittances must be made with the orders, by an approved method. Money orders, bank draft or certified check. If currency is used it is well to register the letter, then it is not as safe as a money order. No goods shipped C. O. D.

NOTICE: We guarantee safe arrival of your order, and the seeds and bulbs up to the value of the purchase price. However, in common with all reliable seedsmen, we give no warranty, express or implied, as to purity, description, quality, productiveness, or any other matter or seeds or bulbs sent out, and will in no way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once.

(Signed) R. H. Shumway, Seedsman

Asparagus

There is no doubt but what Asparagus is one of our most liked pring vegetables. It seems as if there should be an Asparagus bed n every garden. One ounce produces about 250 plants, 4 to 5 lbs. to ne acre.

GIANT OR PALMETTO

An early variety that produces very large straight stalks. Adapted o all parts of the country. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; b., 75c.

CONOVERS COLOSSAL

One of the standard large varieties of excellent quality. Pkt., 5c; z., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

BARR'S MAMMOTH

This is a large quick growing tender variety widely used by many ardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

PEDIGREED WASHINGTON

This variety is the result of very careful breeding by the experiental department of Agriculture at Washington, resulting in a strain hat is considered rust resistant. The tips are tight and firm and do ot begin to branch until the stalk is well above the surface. This eature makes it a very desirable variety for home as well as market se. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., $1.10; lb., $2.00.

MARTHA WASHINGTON

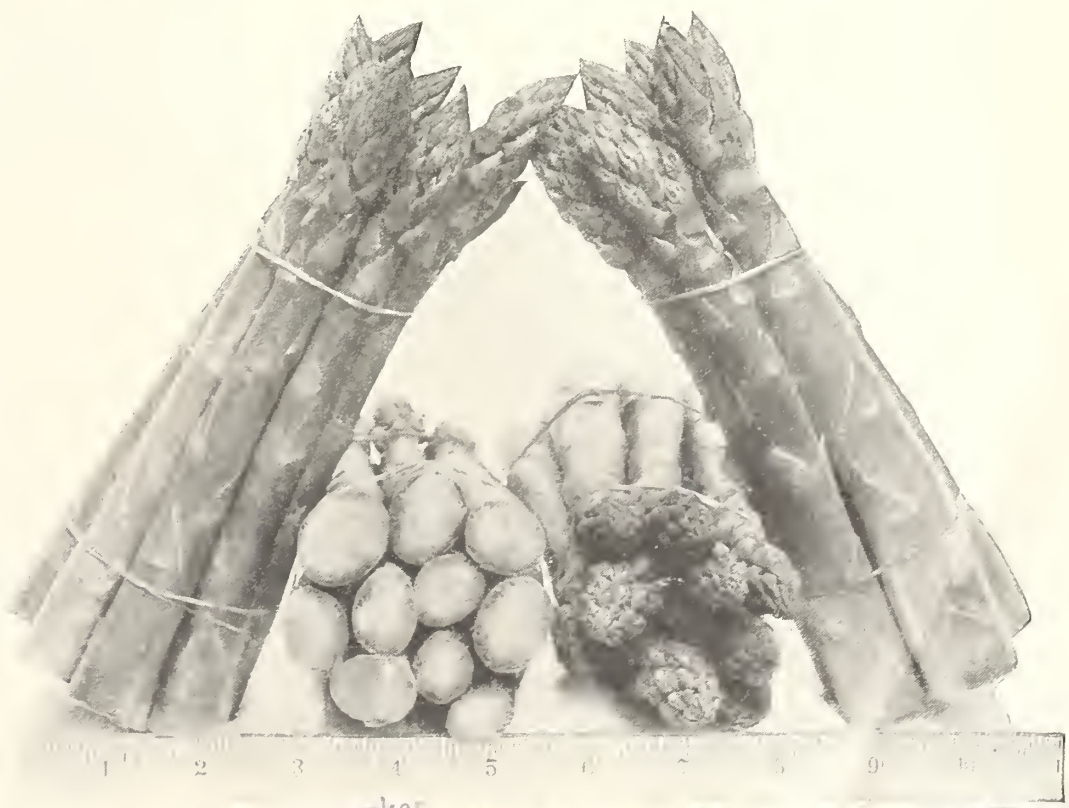
A later development of the above considered as rust resistant and qually as desirable for market purposes The tips have a pinkish ast. Pkt., 10c; oz, 23c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.

ASPARAGUS ROOTS

We offer the following only in strong, healthy, 2 year old roots:

Martha Washington. 45c per doz. $2.25 per 100. Postage Paid.
Pedigreed Washington. 40c per doz. $2.00 per 100. Postage Paid.
Palmetto. 35c per doz. $1.75 per 100. Postage Paid.
50 roots at the hundred rate.

Not prepaid and larger quantities listed on page 2.



D. N. Shoemaker JAN 2 1 Vegetable Seed Trials

Wholesale Prices to Large Planters

The purchaser must pay transportation charges when seeds are ordered at these prices. No charge will be made for bags or boxes.

BEANS

	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.
Bountiful Stringless	$1.40	$2.70	$6.50	$12.75	$25.00
Full Measure	1.40	2.70	6.50	12.75	25.00
Tennessee Green Pod	1.15	2.20	5.25	10.25	20.00
Refugee or 1,000 to 1	1.15	2.20	5.25	10.25	20.00
Burpee's Stringless Green Pod	1.25	2.40	5.75	11.25	22.00
Dwarf Horticultural or Cranberry	1.15	2.20	5.25	10.25	20.00
Black Valentine	1.00	1.90	4.70	9.25	18.00
Giant Stringless Green Pod	1.40	2.70	6.50	12.75	25.00
Improved Round Pod Valentine	1.15	2.20	5.25	10.25	20.00
Pencil Pod Black Wax	1.15	2.20	5.25	10.25	20.00
Unrivalled Wax	1.30	2.50	6.00	11.75	23.00
Improved Golden Wax	1.15	2.20	5.25	10.25	20.00
Prolific Black Wax	1.00	1.90	4.70	9.25	18.00
Brittle Wax	1.30	2.50	6.00	11.75	23.00
Sure Crop Stringless	1.30	2.50	6.00	11.75	23.00
Hodson Wax	1.30	2.50	6.00	11.75	23.00
Shumway's Rust Proof Wax	1.15	2.20	5.25	10.25	20.00
Currie's Rust Proof	1.00	1.90	4.70	9.25	18.00
Wardwell's Kidney Wax	1.30	2.50	6.00	11.75	23.00
Davis White Kidney Wax	1.10	2.00	4.85	9.50	18.50
Old Homestead or Kentucky Wonder	.90	1.75	4.25	8.25	16.00
Golden Pod Wax Pole or Kentucky Wonder Wax	1.15	2.20	5.25		
Cut Short or Cornfield Pole	.90	1.75	4.25	8.25	16.00
Golden Cluster Wax Pole	1.15	2.20	5.25	10.25	20.00
White Creaseback	.90	1.75	4.25	8.25	16.00
Lazy Wife Pole	1.15	2.20			
King of the Garden Pole Lima	1.15	2.20	5.25	10.25	20.00
Large White Lima	1.15	2.20	5.25	10.25	20.00
Dreer's Bush Lima	1.20	2.30	5.70	11.25	22.00
Fordhook Bush Lima	1.50	2.85	6.75	13.25	26.00
Burpee's Bush Lima	1.15	2.20	5.25	10.25	20.00
Henderson's Bush Lima	.90	1.75	4.25	8.25	16.00
Shumway's White Mexican or Prolific Tree	.90	1.75	4.25	8.25	16.00
Large White Marrow	.90	1.75	4.25	8.25	16.00
White Navy Field	.85	1.65	4.00	7.75	15.00
Long White Kidney	1.00	1.90	4.70	9.25	18.00
Long Red Kidney	1.00	1.90	4.70	9.25	18.00

SWEET CORN

	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.
Howling Mob	$ .85	$1.60	$3.85	$ 7.50	$14.50
Golden Sunshine	1.40	2.75	6.50	12.75	25.00
Golden Bantam	.85	1.60	3.75	7.25	14.00
Shumway's Extra Early Market Gardeners	.90	1.70	4.00	7.75	15.00
Kendall's Early Giant	.80	1.50	3.50	6.85	13.50
Country Gentleman	.95	1.80	4.25	8.00	15.75
Stowell's Evergreen	.85	1.60	3.70	7.25	14.00
Early Evergreen	.80	1.55	3.70	7.25	14.00
Select White Evergreen	.85	1.65	3.90	7.60	14.75
Mammoth Late Sugar	.90	1.70	4.00	7.75	15.00
Golden Evergreen	.95	1.80	4.25	8.25	16.00
Mammoth White Cory	.80	1.55	3.70	7.25	14.00
Shumway's Extra Early Cory	.75	1.40	3.30	6.50	12.75
Early Minnesota	.75	1.40	3.30	6.50	12.75
White Mexican	.80	1.55	3.70	7.25	14.00
Black Mexican	.95	1.85	4.50	8.75	17.00
Extra Early Adams	.65	1.20	2.75	5.25	10.00
Early Crosby	.75	1.40	3.30	6.50	12.75
Champion Sugar	.80	1.50	3.65	6.85	13.50
Shumway's Honey	.85	1.60	3.75	7.50	14.50

PEAS

	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.
Hundredfold	$1.20	$2.35	$5.75	$11.00	$21.50
Champion of England	.90	1.75	4.35	8.50	16.50
Laxton's Progress	1.35	2.60	6.25	12.00	23.50
Thomas Laxton	1.00	1.90	4.65	9.00	17.75
Little Marvel	1.10	2.00	4.85	9.50	18.50
Nott's Excelsior	1.00	1.90	4.65	9.00	17.75
Bliss Everbearing	.90	1.75	4.35	8.50	16.50
Alaska	.85	1.60	3.75	7.25	14.00
Ameer	.95	1.80	4.25	8.25	16.00
Premium Gem	.95	1.85	4.50	8.75	17.00
McLean's Little Gem	.95	1.85	4.50	8.75	17.00
Improved Large Telephone	1.00	1.90	4.65	9.00	17.75
Shumway's Perfection	.90	1.75	4.35	8.50	16.50
Laxtonian	1.15	2.20	5.25	10.25	20.00
American Wonder	.95	1.85	4.50	8.75	17.00
Dwarf Telephone or Daisy	1.00	1.90	4.65	9.00	17.75
Gradus	.95	1.85	4.50	8.75	17.00
First and Best	.85	1.65	3.80	7.35	14.50
Large White Marrowfat	.85	1.60	3.75	7.25	14.00
Improved Stratagem	.95	1.85	4.50	8.75	17.00
Alderman	1.00	1.90	4.65	9.00	17.75
Sutton's Excelsior	1.00	1.90	4.65	9.00	17.75
Horsford Market Garden	.85	1.65	3.80	7.35	14.50
Melting Sugar	1.15	2.20	5.25	10.25	20.00

ASPARAGUS

	¼ lb.	½ lb.	lb.
Giant or Palmetto	.20	.35	.60
Conover's Colossal	.20	.35	.60
Barr's Mammoth	.20	.35	.60
Pedigreed Washington	.55	1.00	1.85
Martha Washington	.60	1.10	2.10

ASPARAGUS ROOTS (2 Year Old)

	100	500	1,000
Palmetto	1.15	5.25	10.00
Martha Washington	1.50	6.75	13.00
Washington Pedigreed	1.45	6.25	12.00

BEET

	¼ lb.	½ lb.	lb.	5 lb.
Detroit Dark Red Turnip	.30	.50	.95	4.50
Crosby's Egyptian	.30	.50	.95	4.50
Extra Early Egyptian	.25	.45	.80	3.60
Extra Early Model Beet	.40	.70	1.35	6.50
Lucullus or Swiss Chard	.30	.50	.95	4.50
Extra Early Dark Beauty	.25	.45	.90	4.00
Early Wonder	.30	.50	.95	4.50
Market Gardeners or Half Long	.25	.45	.80	3.60
Extra Early Dark Blood Turnip	.25	.45	.80	3.60
Great Giant or Mammoth Long Red Mangel Beet	.15	.25	.45	1.00
Klein Wanzleben Beet	.17	.30	.50	2.15
Improved White Sugar Beet	.15	.25	.45	1.00
Golden Tankard Mangel	.15	.25	.45	1.00
Globe Shape Mangel Wurtzel	.17	.30	.50	2.15
Crimson Purple Globe	.30	.50	.90	4.15

BEANS

	¼ lb.	½ lb.	lb.	5 lb.
Extra Early Eclipse	.25	.45	.80	3.60
Extra Early Lentz	.25	.45	.80	3.60
Imp. Ex. Long Dark Blood Beet	.25	.45	.80	3.60

CABBAGE

	¼ lb.	½ lb.	lb.
Newark Early Dutch	.60	1.10	2.10
Extra Early Express	.60	1.10	2.10
Early Summer	.60	1.10	2.10
Early Winningstadt	.60	1.10	2.10
Charleston Wakefield	.65	1.20	2.35
Early Jersey Wakefield	.65	1.20	2.35
Copenhagen Market	.70	1.35	2.60
Wisc. Hollander No. 8	1.15	2.20	4.35
Wisc. All Season	1.15	2.20	4.35
Excelsior Late Flat Dutch	.60	1.10	2.10
All Seasons	.60	1.10	2.10
Premium Late Flat Dutch	.60	1.10	2.10
Autumn King	.55	1.00	1.85
Succession or Mid Summer	.55	1.00	1.85
Hartman's Reselected Copenhagen Market	1.00	1.95	3.75
Shumway's Improved Surehead	.60	1.10	2.10
Danish Ballhead	.75	1.40	2.75
New Holland or German Export	.75	1.40	2.75
All Head Early or Solid South	.60	1.10	2.10
Perfection Drumhead Savoy	.75	1.35	2.60
Mammoth Red Rock	.70	1.30	2.50
Shumway's Faultless	.55	1.00	1.85
Early Spring	.75	1.35	2.60
Shumway's Early Peerless	.55	1.00	1.85
Impr. Large Late Drumhead	.60	1.10	2.10
Houseman's Mam. or Late Flat Dutch	.55	1.00	1.85

CARROTS

	¼ lb.	½ lb.	lb.	5 lb.
Early Chantenay	.35	.60	1.10	5.00
Nantes, Half Long, or Coreless	.40	.75	1.35	6.25
Shumway's Scarlet Perfection	.55	1.00	1.85	8.75
Early Market Favorite	.40	.75	1.45	6.75
Danver's Half Long	.35	.60	1.10	5.00
Early Scarlet Horn	.30	.55	1.00	4.50
Oxheart or Guerande	.30	.55	1.00	4.50
Early Long Forcing Carrot	.35	.60	1.10	
Long White Belgian	.20	.30	.50	2.25
Improved Long Orange	.25	.40	.70	3.15
Mammoth Orange	.20	.35	.60	2.50

CELERY

	¼ lb.	½ lb.	lb.
Golden Self Blanching	1.25	2.45	4.75
Giant White Solid	.60	1.10	2.10
Golden Plume or Wonderful	3.00	5.75	11.25
Kalamazoo	.60	1.10	2.10
White Plume	.70	1.35	2.60
Giant Pascal	.75	1.45	2.75

ONION SETS

	⅛ bu.	¼ bu.	½ bu.	bu.
Red	.50	.80	1.55	2.85
Yellow	.50	.80	1.55	2.85
White	.55	1.00	1.90	3.50
Mixed	.50	.80	1.55	2.85

PARSNIP

	¼ lb.	½ lb.	lb.	5 lb.
Hollow Crown	.23	.40	.70	3.15
Long Sugar	.23	.40	.70	3.15

SALSIFY

	¼ lb.	½ lb.	lb.	5 lb.
Sandwich Island	.60	1.10	2.10	10.00
Long White	.60	1.10	2.10	10.00

CUCUMBER

	¼ lb.	½ lb.	lb.	5 lb.
Shumway's Longfellow	.70	1.30	2.50	11.75
Early Fortune	.35	.60	1.10	5.00
Improved Long Green	.35	.65	1.15	5.15
Shumway's Fancy Pickling	.30	.55	1.00	4.65
Davis Perfect	.40	.70	1.25	6.00
Extra Early Long Green	.30	.55	1.00	4.65
Everbearing	.30	.50	.90	4.15
White Wonder	.35	.60	1.10	5.00
Westerfield's Chicago Pickling	.30	.55	1.00	4.65
New Climbing Japanese	.40	.70	1.35	
Improved White Spine	.30	.55	1.00	4.65
Extra Early Green Cluster	.25	.45	.80	3.75
Cool and Crisp	.30	.50	.90	4.00
Green Prolific	.30	.50	.90	4.00
Evergreen	.25	.45	.80	3.75
Fordhook Pickling	.35	.60	1.10	5.00
Shumway's Great Giant Cucumber	.70	1.30	2.50	11.75
Short Green or Early Frame	.30	.55	1.00	4.65

LETTUCE

	¼ lb.	½ lb.	lb.
Big Boston	.40	.75	1.35
Early Curled Simpson	.35	.60	1.15
Chartier	.35	.60	1.15
New York	.60	1.10	2.15
Grand Rapids	.35	.65	1.25
Prizehead	.40	.75	1.35
Black Seed Simpson	.40	.75	1.35
Paris White Cos	.35	.60	1.10
Denver Market	.35	.60	1.10
May King	.35	.65	1.25
All the Year Round	.30	.55	1.00
Giant Crystal Head	.40	.75	1.35
Tomhannock	.35	.60	1.10
Hardy Green Winter	.45	.85	1.60
California Cream Butter	.35	.60	1.10
Salamander	.35	.60	1.10

MUSKMELON

	¼ lb.	½ lb.	lb.	5 lb.
Benders Surprise	.35	.65	1.25	5.75
Hearts of Gold	.35	.60	1.10	5.10
Burrell's Gem	.25	.45	.80	3.50
Tip Top	.30	.55	1.00	4.65
Rockyford	.25	.45	.80	3.50
Osage	.35	.60	1.10	5.10
Lake Champlain	.55	1.00	1.85	9.00
Acme or Baltimore Market	.25	.45	.80	3.50
Extra Early Grand Rapids	.25	.45	.80	3.50
Honey Dew	.35	.65	1.25	5.35
True Jenny Lind	.25	.45	.80	3.50
Extra Early Hackensack	.25	.45	.80	3.50
Chicago Market	.25	.45	.80	3.50
Shumway's Silver Netted	.30	.55	1.00	4.50
Banana	.35	.60	1.15	5.25
Early Green Nutmeg	.25	.40	.70	3.00
Emerald Gem	.25	.45	.80	3.50
Milwaukee Market	.35	.60	1.15	5.25
Shumway's Giant	.35	.60	1.15	5.25
Princess or Ideal	.25	.45	.80	3.50

WATERMELONS

	¼ lb.	½ lb.	lb.	5 lb.
Harris Earliest	.20	.35	.65	3.00
Ferry's Sweetheart	.23	.40	.70	3.25
Kleckly's Sweet	.23	.40	.70	3.25
McIver's Wonderful Sugar	.23	.40	.70	3.25
Tom Watson	.20	.35	.65	3.00
Cole's Early	.20	.35	.65	3.00
Irish Grey	.23	.40	.70	3.25
Golden Honey	.30	.55	1.00	4.50
Florida Favorite	.20	.35	.65	3.00
Dixie	.20	.35	.65	3.00
Halbert Honey	.23	.40	.70	3.25
Large Striped Gypsy	.23	.40	.70	3.25
Fordhook Early	.20	.35	.65	3.00
Alabama Sweet	.23	.40	.70	3.25
Grey Monarch	.23	.40	.70	3.25
Ice Cream	.20	.35	.65	3.00
Hungarian Honey	.20	.35	.65	3.00

PUMPKINS

	¼ lb.	½ lb.	lb.	5 lb.
Large Yellow Connecticut Field	.18	.30	.50	2.25
Kentucky Field	.18	.30	.50	2.25
Mammoth Jumbo or Pot Iron	.40	.70	1.35	
Tenn. Sweet Potato	.30	.50	.90	
Large Cheese	.20	.35	.65	
Sugar	.25	.45	.80	
Winter Luxury or Queen	.25	.45	.80	
Cushaw	.25	.45	.80	
Japanese Pie	.30	.50	.90	
Jonathan	.30	.55	1.00	

ONIONS

	¼ lb.	½ lb.	lb.	5 lb.
Southport White Globe	.65	1.20	2.35	11.25
Yellow Flat Danvers	.38	.70	1.25	6.00
Extra Early Flat Red	.38	.70	1.25	6.00
Australian Brown	.38	.70	1.25	6.00
Southport Yellow Globe	.40	.75	1.40	6.65
Large Red Wethersfield	.40	.75	1.40	6.65
Strasburg or Flat Dutch	.32	.60	1.15	5.50
Ohio Yellow Globe	.40	.75	1.45	7.00
Southport Red Globe	.45	.80	1.50	7.25
Yellow Glove Danvers	.40	.75	1.40	6.65
Sweet Spanish	.80	1.55	3.00	14.50
White Portugal or Silver Skin	.60	1.10	2.10	10.00
Early White Bermuda	.65	1.25	2.35	11.65
Ailsa Craig	.60	1.10	2.10	10.00
Mammoth Prizetaker	.45	.85	1.65	7.75
White Queen	.70	1.35	2.60	11.75
White Adriatic Barletta	.70	1.35	2.60	11.75
White Pearl or Aetna	.70	1.35	2.60	11.75
Mammoth Silver King	.70	1.35	2.60	11.75

RADISH

	¼ lb.	½ lb.	lb.	5 lb.
Vick's Scarlet Globe	.23	.40	.70	3.25
Rosy Gem	.23	.40	.70	3.25
Icicle	.27	.45	.80	3.50
Early Erfurt or Rapid Forcing	.20	.35	.65	3.00
French Breakfast	.23	.40	.70	3.25
Scarlet Olive	.23	.40	.70	3.25
Carmine Globe	.23	.40	.70	3.25
Brightest Long Scarlet	.23	.40	.70	3.25
Long Scarlet Short Top	.23	.40	.70	3.25
Long White Strasburg	.23	.40	.70	3.25
Shumway's Golden Globe	.23	.40	.70	3.25
Shumway's Market or Chartier Radish	.23	.40	.70	3.25
Early Scarlet Turnip Radish	.20	.35	.60	2.75
White Tipped Scarlet Turnip	.23	.40	.70	3.25
White Tipped Olive	.23	.40	.70	3.25
Crimson Giant	.25	.45	.80	3.50
Non Plus Ultra	.23	.40	.70	3.25
White Turnip or Box	.23	.40	.70	3.25
White Vienna or Lady Finger Radish	.23	.40	.70	3.25
Giant White Stuttgart	.23	.40	.70	3.25
Japanese Winter	.25	.45	.80	3.50
Mammoth White	.25	.45	.80	3.50
China Rose	.25	.45	.80	3.50
Mammoth White Chinese Stump Root	.25	.45	.80	3.50
Long Black Spanish	.25	.45	.80	3.50

SPINACH

	¼ lb.	½ lb.	lb.	5 lb.
Bloomsdale Savoy	.12	.20	.35	1.65
Victoria or Perfection	.12	.20	.35	1.65
Round Leaf	.12	.20	.35	1.65
Prickly Seeded	.12	.20	.35	1.65
New Zealand	.25	.45	.80	3.65
King of Denmark or Antvorskov	.17	.30	.50	2.15
Princess Juliana	.17	.30	.50	2.15
Monstrous Viroflay	.12	.20	.35	1.65
Long Standing	.17	.30	.50	2.15

RUTABAGA

	¼ lb.	½ lb.	lb.
Imperial Hardy	.20	.35	.60
Monarch Swede or Elephant	.20	.35	.60
White Sweet Russian	.20	.35	.60
Laing's Improved	.20	.35	.60
Skirving's Purple Top	.20	.35	.60

SQUASH

	¼ lb.	½ lb.	lb.	5 lb.
Des Moines or Table Queen	.45	.85	1.60	
Chicago Warted Hubbard	.35	.60	1.10	5.00
Golden Hubbard	.35	.60	1.10	5.00
Giant Crookneck	.30	.55	1.00	4.75
Cocozelle	.35	.60	1.10	5.00
Blue Hubbard	.35	.60	1.10	5.00
Orange Marrow	.25	.45	.80	3.75
Mam. White Bush Scallop	.25	.45	.80	3.75
Golden Custard	.25	.45	.80	3.75
Shumway's Mexican Banana	.35	.60	1.10	5.00
Delicious	.35	.60	1.10	5.00

TOMATO

	¼ lb.	½ lb.	lb.
Stone	.60	1.15	2.20
Dwarf Stone	.85	1.60	3.00
John Baer	.90	1.70	3.25
Chalk's Early Jewel	.80	1.40	2.70
Matchless Tomato	.65	1.20	2.25
Ponderosa	1.35	2.60	5.00
June Pink	1.20	2.35	4.60
Norton Wilt Resistant	1.10	2.10	4.00
Shumway's Garden King	1.40	2.70	5.25
Marglobe	1.50	2.90	5.60
Livingston's Globe	1.25	2.35	4.60
Bonny Best	1.25	2.35	4.60
Buckeye State Tomato	1.10	2.10	4.00
Dwarf Champion or Bush Tomato	1.10	2.10	4.00
Beauty	1.00	1.95	3.75
Spark's Earliana	80	1.40	2.70
Favorite	.80	1.40	2.70
Perfection	.80	1.40	2.70
Golden Queen	.90	1.70	3.25
Acme Tomato	.80	1.40	2.70
Crimson Cushion	.85	1.60	3.00

TURNIP

	¼ lb.	½ lb.	lb.	5 lb.
Purple Top White Globe	.20	.35	.60	2.6
Golden Globe	.20	.35	.60	2.6
Yellow Aberdeen	.20	.35	.60	2.65
White Egg	.20	.35	.60	2.65
Early Snowball or Six Weeks Turnip	.20	.35	.60	2.65
Jersey Lily Turnip	.20	.35	.60	2.65
Extra Early Milan	.25	.45	.80	3.50
Early Munich Purple Top	.20	.35	.60	2.65
Purple Top Strap Leaf	.18	.30	.50	2.25
Seven Top	.15	.25	.40	1.85
Large White Flat Field	.18	.30	.50	2.25
Large White Norfolk	.18	.30	.50	2.25
Early Large Flat Dutch	.20	.35	.60	2.65
Long White Cowhorn	.15	.25	.40	1.85

Beans

Dwarf or Bush Green Pod

BOUNTIFUL STRINGLESS

This bean has long semi-round stringless green pods. A very early and prolific variety, another excellent home, as well as market gardeners' sort. ½ lb., 27c; lb., 50c; 2 lbs., 90c; 5 lbs., $1.85, postpaid. Not prepaid, 5 lbs., $1.40; 10 lbs., $2.70; 25 lbs., $6.50; 50 lbs., $12.75; 100 lbs., $25.00.

FULL MEASURE

This is a main crop variety, stringless, green, round pod. Excellent shipping variety. Very heavy yielder. Steadily growing in popularity. ½ lb., 27c; lb., 50c; 2 lbs., 90c; 5 lbs., $1.85, postpaid. Not prepaid, 5 lbs., $1.40; 10 lbs., $2.70; 25 lbs., $6.50; 50 lbs., $12.75; 100 lbs., $25.00.

Culture

DWARF OR BUSH

Beans should be planted after the weather has become settled, which is about the middle of May, in the latitude of Northern Illinois. Almost any soil will do for beans, but it is better if they can be planted in a rich, sandy loam; the returns will be far greater. The seed should be sown in rows two feet apart and the beans dropped about 3 to 4 inches apart in the row covering them about 2 inches deep. They should be cultivated as soon as they come through the ground, slightly hilling them, when the second and third pair of leaves start to form. This is done to support the plant. Do not cultivate when the dew is on them or immediately following a rain. Beans may be planted in succession about every two weeks up to the first of August.

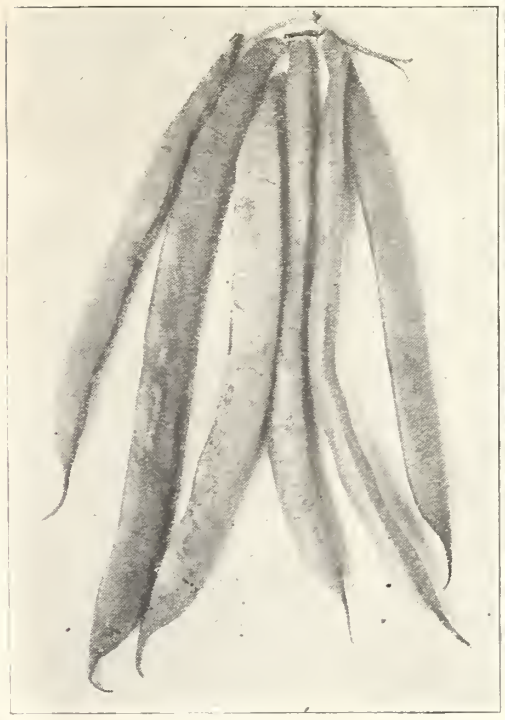
All varieties of beans should be inoculated for vigorous growth and heavy bearing. You will be well compensated for this slight extra expense and effort. Use "Nitragin."

Packet Size of Any Variety of Beans, 10c

As Beans are planted two or three different times during the growing season, we feel that ½ lb. is the least amount anyone would wish for. If you think you need less remit 10c for a packet size of any variety listed.

GIANT STRINGLESS GREEN POD

A large strain of the Valentine type, long round green pods 6 inches in length, of exceptional quality, meaty and crisp. Not quite as early as Valentine, but much more prolific. Considered one of the best market gardeners' varieties and one of the most desirable for home planting. Ready for table use 60 days after planting. ½ lb., 27c; lb., 50c; 2 lbs., 90c; 5 lbs., $1.85, postpaid. Not prepaid, 5 lbs., $1.40; 10 lbs., $2.70; 25 lbs., $6.50; 50 lbs., $12.75; 100 lbs., $25.00.



TENNESSEE GREEN POD

A second early green pod variety. Because of its excellent flavor and quality it is considered a variety of merit. The pods are irregular, long and flat. Ready in 60 days after planting. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

REFUGEE OR 1000 TO 1

Very productive late variety particularly desirable for canning and pickling. Pods are green, large and nearly round. Excellent for shipping. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

BURPEE'S STRINGLESS GREEN POD

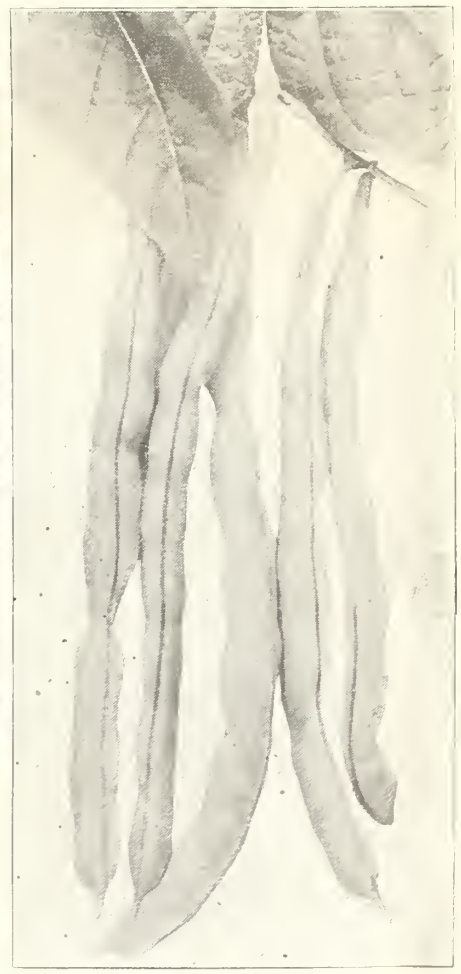
This is the leader in green pod varieties for general purposes. It is early and the vines bear long, round, thick pods, free from strings. Very attractive and excellent quality. ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., $1.70, postpaid. Not prepaid, 5 lbs., $1.25; 10 lbs., $2.40; 25 lbs., $5.75; 50 lbs., $11.25; 100 lbs., $22.00.

DWARF HORTICULTURAL OR CRANBERRY

This variety does well in a cool climate. Its growth is compact, upright and vigorous. Very productive. Excellent for shelling and succotash. This variety is very popular in the East. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.50, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

BLACK VALENTINE

A variety not as early as Red Valentine from which this was developed. The pods are green, nearly round, straight and slender growing in clusters. This variety is used by the large shippers and market gardeners. ½ lb., 20c; 1 lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.70; 50 lbs., $9.25; 100 lbs., $18.00.

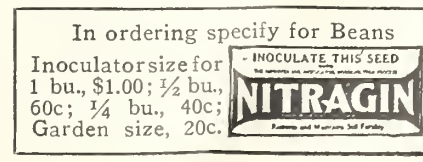


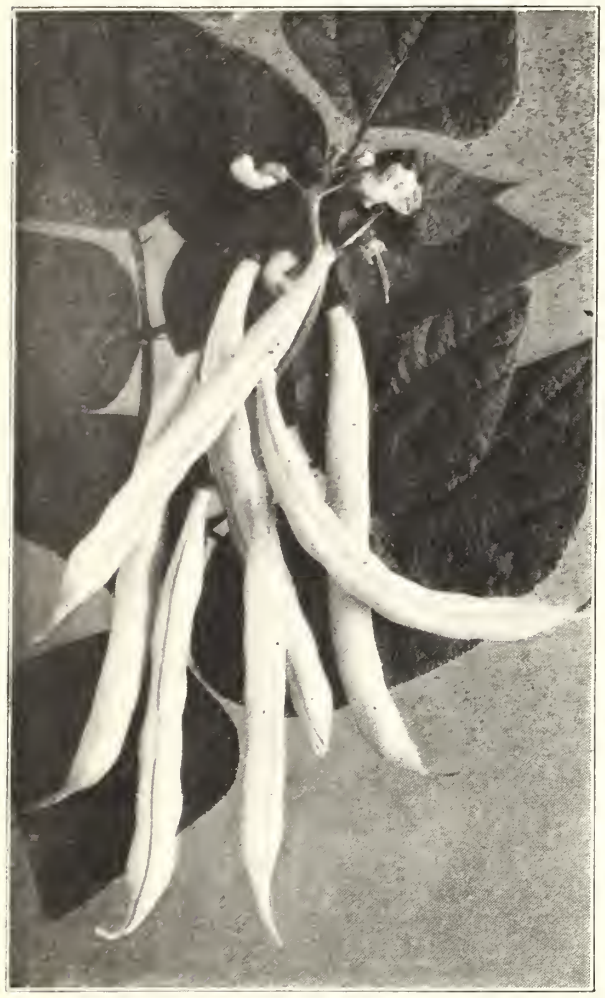
IMPROVED ROUND POD VALENTINE

An early standard variety doing well in cool ground. Very popular with the market gardeners as it is very prolific, bearing fleshy round green pods. Ready for table use in 50 days. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

In ordering specify for Beans

Inoculator size for 1 bu., $1.00; ½ bu., 60c; ¼ bu., 40c; Garden size, 20c.





PENCIL POD BLACK WAX

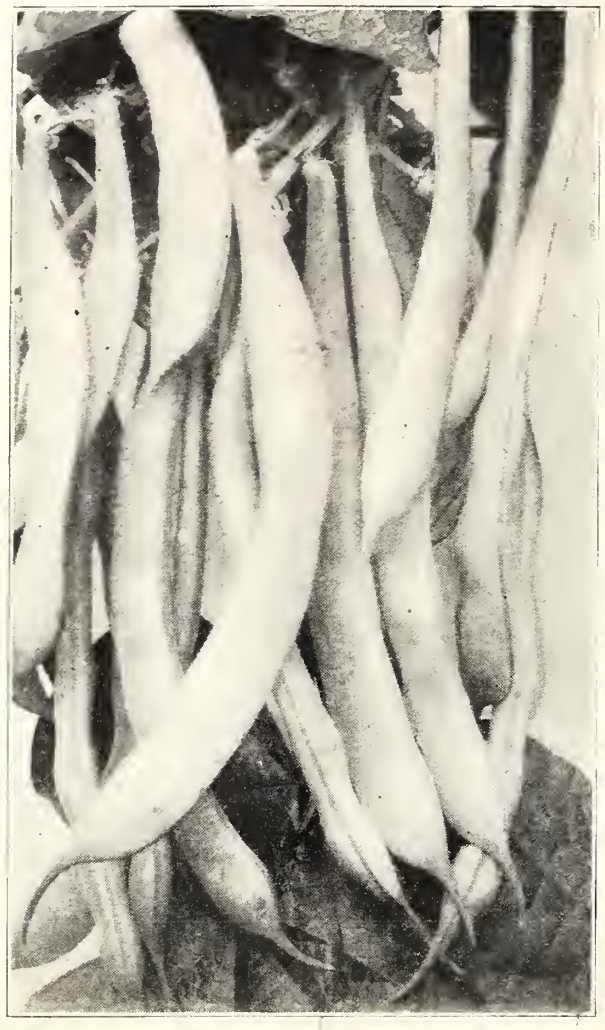
An extra early wax bean of the finest quality, absolutely stringless, round pods 6 to 7 inches long. The plants are very vigorous in growth and bear abundantly. Without doubt the best black seeded variety for market and home gardening. Ready for table use in 64 days from time of planting. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

UNRIVALLED WAX

An immensely productive, first early variety. Pods are 5 to 5½ inches long, rather narrow and as cut shows perfectly straight, somewhat flattened but very fleshy. Color is a clear yellow. The plants are large, vigorous, and can be called quite disease resistant. Without doubt this variety will be a leader with the market gardener as it is now with the home gardeners. ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., $1.75, postpaid. Not prepaid, 5 lbs., $1.30; 10 lbs., $2.50; 25 lbs., $6.00; 50 lbs., $11.75; 100 lbs., $23.00.

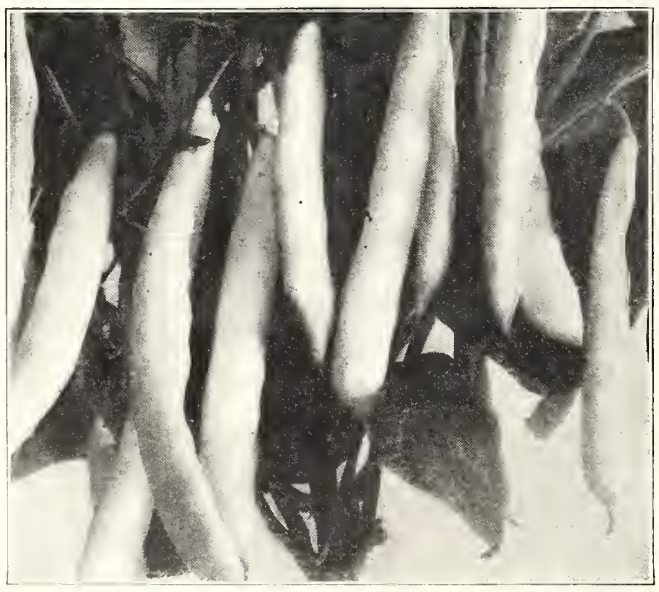
UNRIVALLED WAX

Dwarf or Bush Wax, Yellow Pod



IMPROVED GOLDEN WAX

Medium early, heavy cropper, vines of strong, bushy growth. The pods are golden yellow, brittle and solid. An excellent variety for all purposes. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

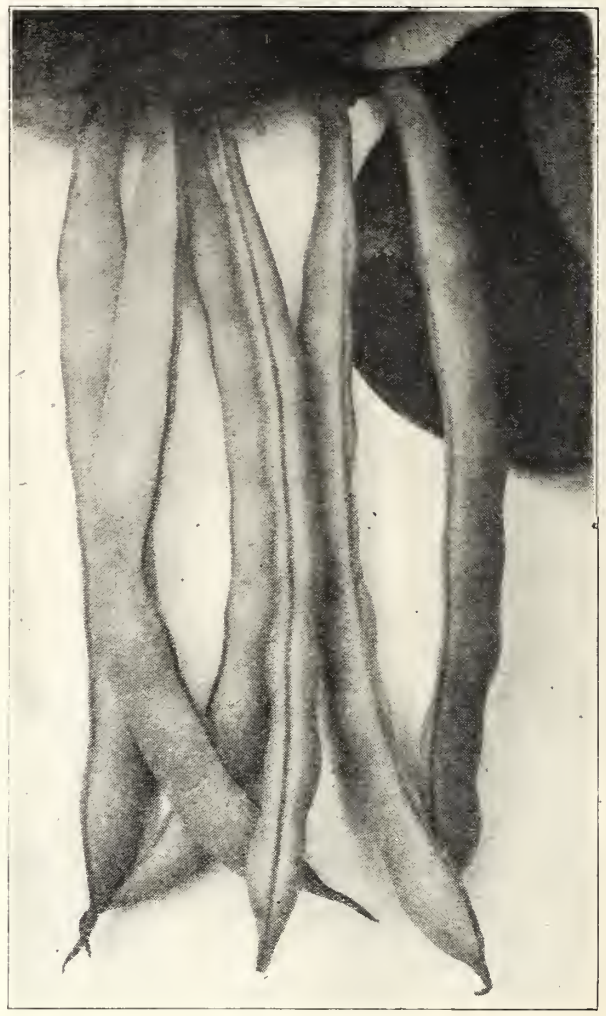


Sure Crop Stringless

In ordering specify for Beans Inoculator size for 1 bu., $1.00; ½ bu., 60c; ¼ bu., 40c; Garden size, 20c.

PROLIFIC BLACK WAX

A very early bush sort, bearing round, fleshy pods of good quality. Very productive, making it an excellent variety for both market and family gardens. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.70; 50 lbs., $9.25; 100 lbs., $18.00.



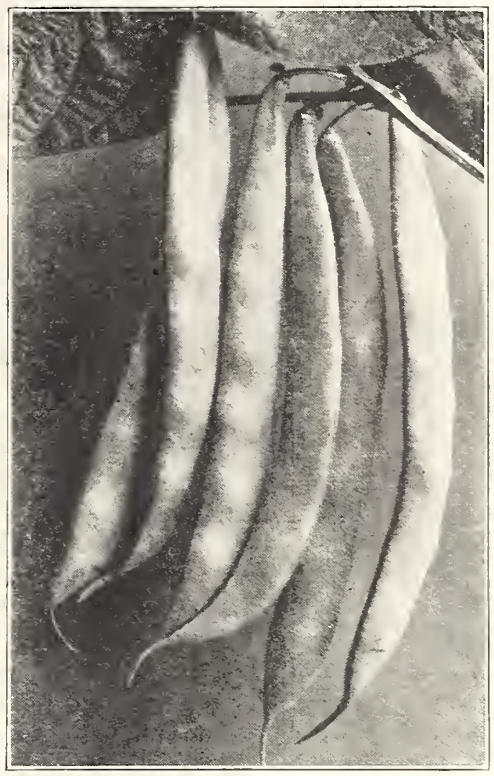
BRITTLE WAX

A bean of excellent quality, very early and productive. Pods are long, round and stringless. This is considered the quality bean for home gardens and for market gardeners who sell on a local market. ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., $1.75, postpaid. Not prepaid, 5 lbs., $1.30; 10 lbs., $2.50; 25 lbs., $6.00; 50 lbs., $11.75; 100 lbs., $23.00.

SURE CROP STRINGLESS

This is an excellent meaty flat podded stringless variety; pods average 6 to 7 inches long and are quite thick through. This variety is vigorous in growth and sturdy, also disease resistant. In common with the other black seeded varieties it may be planted earlier than the others. A real variety for market gardeners where the market calls for the flat podded strains. When ready to eat pods are a deep yellow. Ready for table use in 62 days. ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., $1.75, postpaid. Not prepaid, 5 lbs., $1.30; 10 lbs., $2.50; 25 lbs., $6.00; 50 lbs., $11.75; 100 lbs., $23.00.

PROLIFIC BLACK WAX



HODSON WAX

The best yielder for home garden; the season is medium early and vines bear a mass of long, semi-round, straight, waxy pods. ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., $1.75, postpaid. Not prepaid, 5 lbs., $1.30; 10 lbs., $2.50; 25 lbs., $6.00; 50 lbs., $11.75; 100 lbs., $23.00.

In ordering specify for Beans.

NITRAGIN
Restores and Maintains Soil Fertility

Inoculator size for 1 bu., $1.00; ½ bu., 60c; ¼ bu., 40c; Garden size, 20c.

Packet Size of Any Variety of Beans, 10c.

SHUMWAY'S RUST PROOF WAX

An improvement on the Golden Wax. Early, very prolific and a superior variety for general purposes. Pods are flat, straight and stringless. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid.. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

CURRIE'S RUST PROOF

A variety extensively used by the market gardeners. The vine is of vigorous growth bearing long yellow flat, straight, pods of excellent quality. Practically rust proof. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.70; 50 lbs., $9.25; 100 lbs., $18.00.

WARDWELL'S KIDNEY WAX

A favorite of the market gardener, very beautiful, waxy, flat pods, 7 inches long. A very productive early variety. Grown in any part of the country. 60 days from planting to table. ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., $1.75, postpaid. Not prepaid, 5 lbs., $1.30; 10 lbs., $2.50; 25 lbs., $6.00; 50 lbs., $11.75; 100 lbs., $23.00.

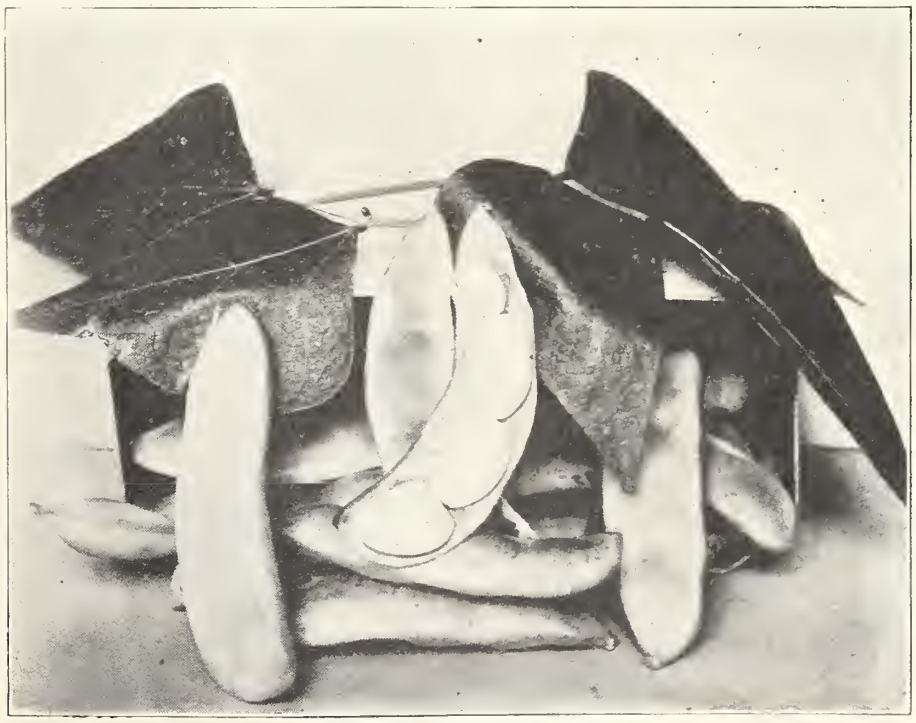
DAVIS WHITE KIDNEY WAX

A vigorous grower, very prolific, bearing long, straight, waxy-white pods carried well up from the ground. Excellent shipping variety. Ready in 58 days from planting. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.55, postpaid. Not prepaid, 5 lbs., $1.10; 10 lbs., $2.00; 25 lbs., $4.85; 50 lbs., $9.50; 100 lbs., $18.50.

Lima Beans

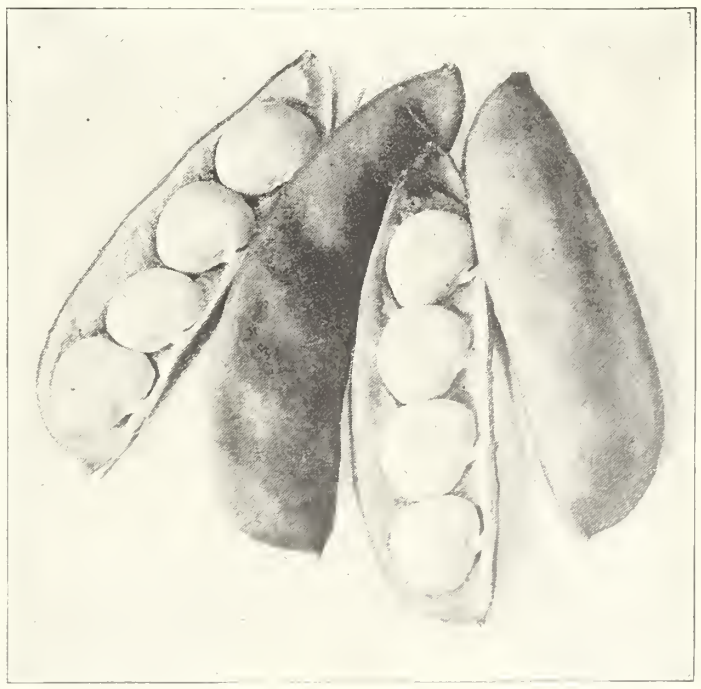
CULTURE

LIMA BEANS are more susceptible to cold weather and should not be planted until about a week later than snap beans. They are heavy feeders, therefore the soil should be well enriched with manure if possible. This very important fact in the planting of Lima Beans should be observed, they should be placed into the soil EYE down.



FORDHOOK BUSH LIMA

A perfected strain of Dreer's Bush. Beans are larger, however, but of the same general shape. It produces large pods well filled in clusters. The shelled beans are excellent in flavor and green in color. This variety is always in demand on the markets. ½ lb., 27c; lb., 50c; 2 lbs., 90c; 5 lbs., $1.95, postpaid. Not prepaid, 5 lbs., $1.50; 10 lbs., $2.85; 25 lbs., $6.75; 50 lbs., $13.25; 100 lbs., $26.00.



BURPEE'S BUSH LIMA

A bush type of the Large White Lima. Beans of the same size. It is considered one of the most desirable lima beans introduced, growing only 20 inches high and branching freely, bearing heavily. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

HENDERSON'S BUSH LIMA

This is without doubt the very earliest of all the Lima beans, but it is not as large as the others. It is more prolific and produces more than twice as many pods to each plant. The quality is excellent, being rich and delicious, plants bear continuously. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.25; 50 lbs., $8.25; 100 lbs., $16.00.

Pole Beans

CULTURE:

POLE BEANS also require a rich soil, other than that they are handled the same as the BUSH BEANS with the exception of providing poles for them to climb on, furthermore it is well to plant in hills rather than in rows.

OLD HOMESTEAD OR KENTUCKY WONDER

The old standard green pod pole bean. The most generally planted of all the pole varieties. Excellent for home and market gardening. Pods are 9 inches in length, nearly round and stringless. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.25; 50 lbs. $8.25; 100 lbs., $16.00.

GOLDEN POD WAX POLE OR KENTUCKY WONDER WAX

This variety resembles the Old Homestead in habit and growth as well as its prolific bearing. The pods are flat, waxy and stringless. 10 inches in length. ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25.

WHITE CREASE BACK

Vigorous grower, wonderfully productive. Very early white variety, good to cook either green or dry. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.25; 50 lbs., $8.25; 100 lbs., $16.00.

GOLDEN CLUSTER WAX POLE

Produces long, stringless, golden waxy pods. It is early and bears wonderfully all through the season until ruined by frost. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

CUT SHORT OR CORNFIELD POLE

A popular variety in the South for planting in the corn, however, it yields well without support. The pods are short and flat. Quality good. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.25; 50 lbs., $8.25; 100 lbs., $16.00.

LAZY WIFE POLE

Excellent variety for snap as well as shell bean. Long, thick, stringless, green pods. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20.

SCARLET RUNNER POLE BEANS

A variety of bean that we are also listing with the flower seeds, as they are worthy of consideration in that department. Rapid growers with clusters of dazzling scarlet flowers. Beans make a very desirable shell variety for table use. Pkt., 5c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., $2.00, postpaid.

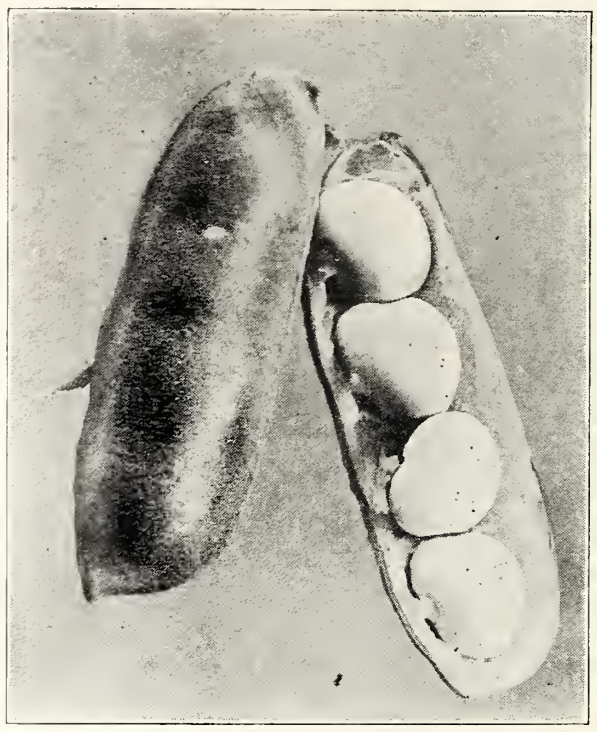
POLE LIMAS

KING OF THE GARDEN

A variety that produces all through the season. Pods 5 to 8 inches long, well filled with beans of excellent quality. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

LARGE WHITE

One of the best large pole varieties. Desirable for cooking in both the green as well as the dried stage. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.



DREER'S BUSH LIMA

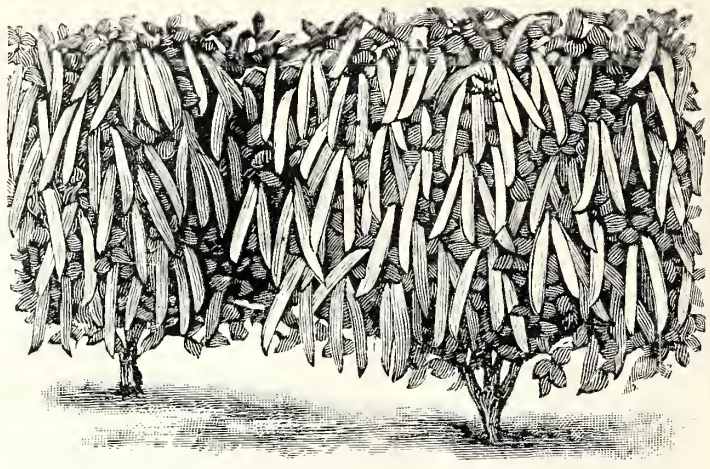
Bush form of Dreer's Pole Lima. Beans crowd each other in the pod, they are very thick and meaty. Similar to Fordhook Bush Lima. ½ lb., 23c; lb., 42c; 2 lbs., 80c; 5 lbs., $1.65, postpaid. Not prepaid, 5 lbs., $1.20; 10 lbs., $2.30; 25 lbs., $5.70; 50 lbs., $11.25; 100 lbs., $22.00.

INOCULATE THIS SEED
NITRAGIN
Rhizobia and Mycorrhiza Soil Fertility

In ordering specify for Beans
Inoculator size for 1 bu., $1.00; ½ bu., 60c; ¼ bu., 40c; Garden size, 20c.

Packet size of any variety of Beans, 10c

Dry or Shell Beans



SHUMWAY'S WHITE MEXICAN OR PROLIFIC TREE

Selected out of the Navy variety reducing the runners and making it a bush form variety. Very prolific, producing under normal conditions 20 to 30 bushels to the acre. An excellent bean used in the dried stage. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.25; 50 lbs., $8.25; 100 lbs., $16.00.

LARGE WHITE MARROW

Very hardy robust plant, bearing large round shaped beans, used when dry for baking or in soups. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.25; 50 lbs., $8.25; 100 lbs., $16.00.

WHITE NAVY FIELD

(Robust strain). Small white variety which has been greatly improved by practically eliminating the runners. Excellent yielder. ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.30, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.65; 25 lbs., $4.00; 50 lbs., $7.75; 100 lbs., $15.00.

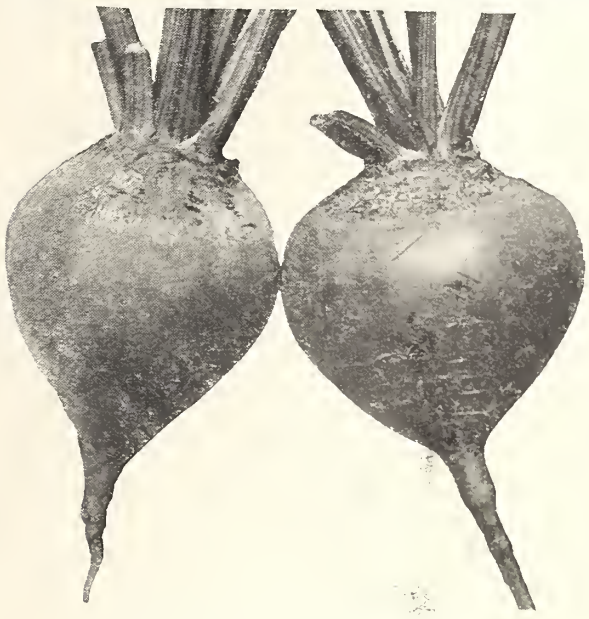
LONG WHITE KIDNEY

A favorite variety in many markets, desirable as a shell bean for succotash or when dry for baking. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.70; 50 lbs., $9.25; 100 lbs., $18.00.

LONG RED KIDNEY

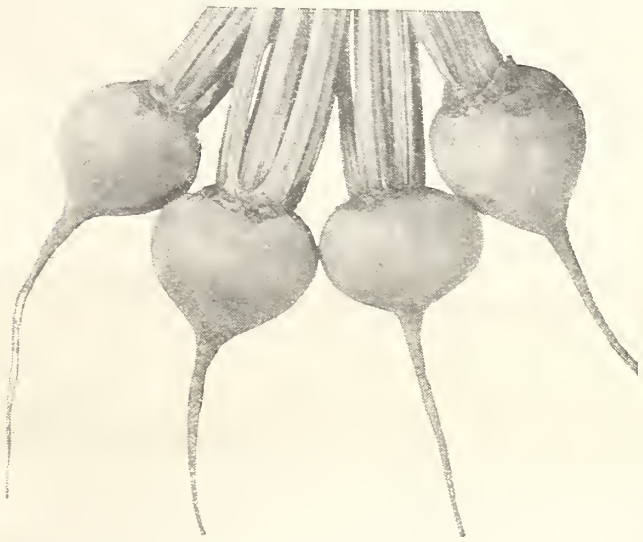
Good to be used as a shell or dry bean. It is used extensively for canning purposes. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.70; 50 lbs., $9.25; 100 lbs., $18.00.

Beets



DETROIT DARK RED TURNIP

Main crop variety unequalled for its desirable size, shape and color. Produces the largest crop of any variety. The extra selected strain that we carry is readily sought for by the market gardening trade. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $4.80, postpaid.



CROSBY'S EGYPTIAN

This variety is used extensively by the market gardeners. Uniformity of shape and color has made this one of the most popular varieties. It is a deep red in color and the flesh very sweet. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $4.80, postpaid.

EXTRA EARLY MODEL BEET

A variety of recent introduction selected for its blood red color and for its smooth uniform globe shape. No light rings in the cross sections. An excellent variety for home gardening, and on account of its earliness well adapted for market use. Pkt., 10c; oz., 18c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50; 5 lbs., $6.85, postpaid.

EARLY WONDER

This variety is of the Egyptian strain but we feel it is superior in shape and color. The cross sections show almost no light zones and the dark red color and short tops make it a desirable variety for the gardener. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $4.80, postpaid.

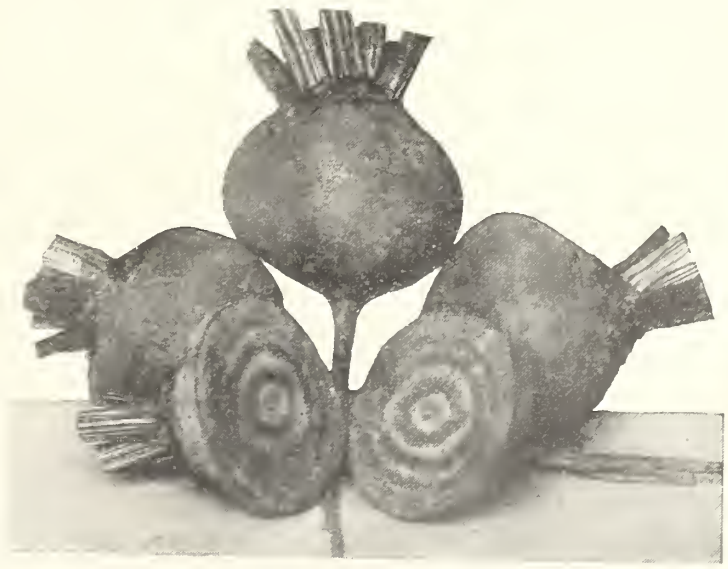
BEET CULTURE

1 oz. will sow 50 ft.; 5 to 6 lbs. to the acre

Beets can be sown about the middle of April for the first planting, in the latitude of Northern Illinois. For rotation continue planting every two weeks up to the first of August. The rows should be 18 inches apart; after seeding the soil should be firmly packed down around the seed. Thin out the plants so that they will stand three to four inches apart. Those taken from the rows may be transplanted into other rows or used for beet greens.

EXTRA EARLY EGYPTIAN

Considered the best variety for forcing an early crop. Roots are dark red, round top and flat beneath, not many tops. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.



EXTRA EARLY DARK BEAUTY

One of the earliest beets we offer. Beautiful oval shape with a rich dark red color. The flesh is fine grained and cooks up very tender, its flavor is superb. Practically free from side roots and appears very smooth, thus making a good appearance on the market. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., $1.00; 5 lbs., $4.35, postpaid.

MARKET GARDENERS OR HALF LONG

An excellent winter variety. Smooth, rich dark red, tender and crisp. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.

EXTRA EARLY DARK BLOOD TURNIP

Beautiful color and shape, only a few leaves, very small tap root without any side roots. Very smooth and large for an extra early variety. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.

CRIMSON PURPLE GLOBE

A second early main crop variety, medium size globe shaped, no side roots and perfectly smooth. The foliage is small, purple bronze in color. Pkt., 6c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., $1.00; 5 lbs., $4.35, postpaid.

EXTRA EARLY ECLIPSE

Globular shaped root, flesh dark red, zones a lighter shade, sweet and tender. Pkt., 7c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.

EXTRA EARLY LENTZ

A choice strain of extra early Beets, small tops, never stringy or woody. Smooth, perfect shaped variety. Pkt., 6c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.

Great Giant or Mammoth Long Red Mangel Beet

STOCK OR MANGEL BEET

Sow 5 to 6 lbs. per acre. All stock should have Mangel Beet in their winter feed. Assures increased milk flow.

GREAT GIANT OR MAMMOTH LONG RED MANGEL BEET

The largest mangel beet in cultivation, regular shape, growing half out of the ground. Blood red in color, very smooth. The greatest tonnage per acre is secured from this variety. Oz., 8c; ¼ lb., 18c; ½ lb., 30c; lb., 55c; 5 lbs., $2.25; 10 lbs., $4.25, postpaid.

KLEIN WANZLEBEN BEET

Sugar Variety

An excellent variety for stock food. A good tonnage per acre. Oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.50; 10 lbs., $4.75, postpaid.

IMPROVED WHITE SUGAR BEET

A large, sweet, choice beet, like the Mangels. Grown extensively for feeding stock, contains a large per cent of sugar. Oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 55c; 5 lbs., $2.25; 10 lbs., $4.25, postpaid.

GOLDEN TANKARD MANGEL

Exceedingly hardy and early in maturity. Well adapted to shallow soil. They are easy to dig. Oz., 8c; ¼ lb., 18c; ½ lb., 30c; lb., 55c; 5 lbs., $2.25; 10 lbs., $4.25, postpaid.

GLOBE SHAPE MANGEL WURTZEL

A desirable variety for planting in shallow soil. Comparatively easy to dig as it has a short oblong root. A good keeper for winter use.

Yellow—Oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.50, postpaid.

Red—Oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.50; 10 lbs., $4.50, postpaid.

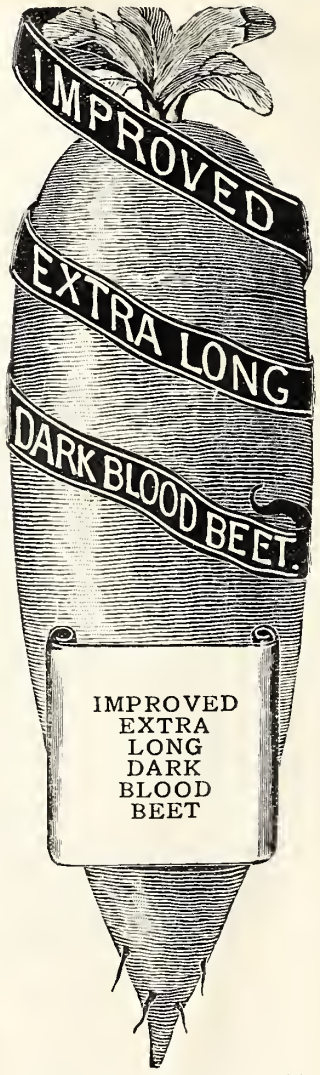
Swiss Chard

This variety of beet is grown exclusively for use as greens; it replaces spinach during the hot summer months. The plants are hardy and will yield all summer long until heavy frosts kill them.

LUCULLUS

The leaves of this variety of chard are heavily crumpled and savoyed, deep green in color, being nearly the color of spinach. The mid-rib or thick white stalk may be creamed like asparagus. Do not pull up the plants; cut off the outer leaves and a small patch of it will provide greens all summer long. Pkt., 7c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $4.80, postpaid.

Destroys bugs, beetles, green or black flies, caterpillars, lice, worms and bean beetle. Prepaid, lb., 30c; 5 lb. bag, $1.00; 10 lb., $1.90. Not prepaid, 5 lb., 60c; 10 lb., $1.10; 25 lb., $2.35. 1 lb. cartons have sifter top.



By careful selection this has been brought to a standard of excellence, uniform in size and shape, very smooth, dark red and sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.

Cabbage

One of the vegetables enjoyed the year round. About the last of February or the first of March sow the seeds of early varieties in a box, transplanting the seedlings into flats a fair distance apart as soon as they are large enough to transplant. When the weather permits set out of doors each day for a little air to help harden them off. About the middle of April, in the latitude of Northern Illinois, or first of May, set into the open ground in rows 2½ feet apart, the plants about 2 feet apart in the row, keep well cultivated. The same method may be used with the second early varieties, transplanting them about the middle of May into the open ground. At this time plant the seed of the late winter varieties in the open ground, about July 1st they are ready to be set into their permanent position. Sprinkle **Slug Shot** over the plants if the cabbage worm appears.

NEWARK EARLY DUTCH

A valuable second early variety, solid heads weighing 10 to 12 lbs. Considered one of the best in this class, as it stands long without bursting. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

EXTRA EARLY EXPRESS

Compact oval head large for the size of the plant. Thicker and less pointed than the Wakefield type. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

EARLY SUMMER

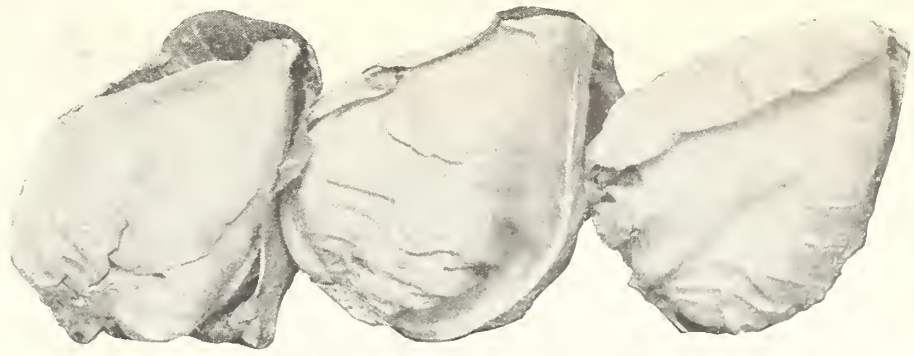
A second early variety, maturing large, solid, flat heads with short outer leaves, therefore can be planted very close in rows. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

EARLY WINNINGSTADT

A conical shaped variety, sure header and good keeper. Considered one of the best varieties for general use. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

CHARLESTON WAKEFIELD

This variety is very similar to Jersey Wakefield but it is a few days later and the heads considerably larger. Long Island seed from selected stock. **Pkt., 10c; oz., 25c; ¼ lb., 70c; ½ lb., $1.30; lb., $2.50.**



EARLY JERSEY WAKEFIELD

An extra early cone shaped head cabbage. Its earliness and hard heading makes this one of the most desirable for early markets. Successfully grown anywhere in the United States. Seed we have to offer of this variety is produced on Long Island, generally conceded as producing the finest seed. **Pkt., 10c; oz., 25c; ¼ lb., 70c; ½ lb., $1.30; lb., $2.50.**

COPENHAGEN MARKET

One of the earliest large heading varieties. Now in great demand and used extensively to follow first early, very popular with the market gardeners. Heads solid, round and perfect form. **Pkt., 12c; oz., 25c; ¼ lb., 80c; ½ lb., $1.40; lb., $2.75.**

Yellows Resistant Varieties:

Within the last ten years the spread of the disease known as cabbage yellows has become very pronounced and can now be found over the entire middle west.

Various governmental experiment stations have been working on this problem and we are now able to offer two varieties which are very largely immune to the disease.

The disease is easily identified by the gradual yellowing of the plant, beginning generally on one side and spreading around until the whole plant dies. If you notice this condition on your place or in cabbage near you you should use seed of the resistant sorts.

WISCONSIN HOLLANDER NO. 8

Bred for resistance from a good strain of Danish Ball Head, produces large round heads, very heavy crop and an excellent storage cabbage. **Pkt., 15c; oz., 40c; ¼ lb., $1.25; ½ lb., $2.40; lb., $4.50.**

WISCONSIN ALL SEASONS

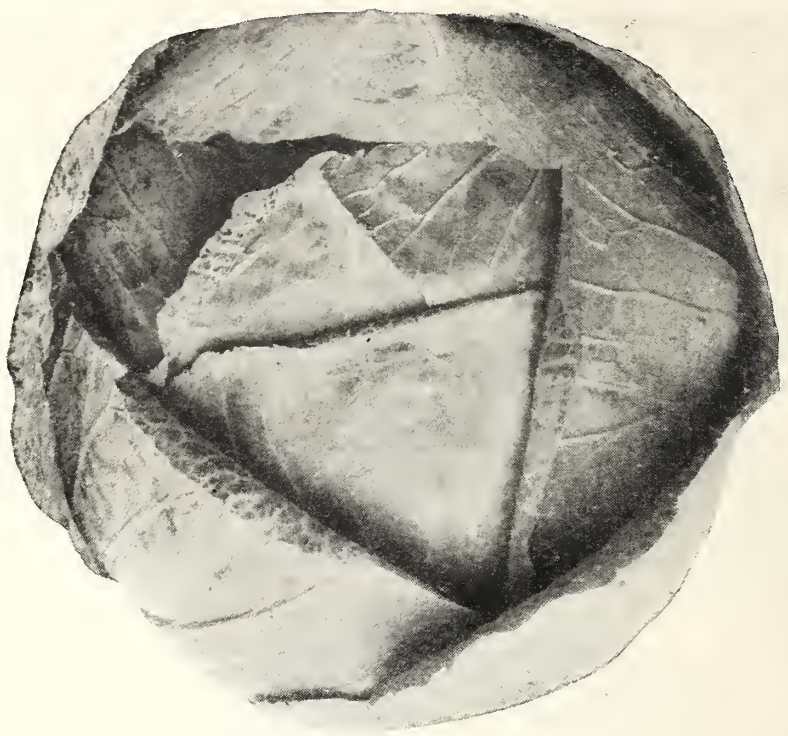
A medium season flattened cabbage bred from one of the old standard varieties to be especially immune to Yellows disease—produces a large head and is well bred, uniform and hardy. An excellent Kraut cabbage. **Pkt., 15c; oz., 40c; ¼ lb., $1.25; ½ lb., $2.40; lb., $4.50.**

EXCELSIOR LATE FLAT DUTCH

A variety which produces very large heavy flat uniform heads. When opened the leaves are very white, crisp and tender. A good keeper. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

ALL SEASONS

A good second early variety of the Drumhead type. Large solid heads. An exceptionally good keeper for a mid-season variety. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**



PREMIUM LATE FLAT DUTCH

This is the most popular of the late flat-headed varieties. Selected strain of this variety which produces solid uniform heads of finest quality. Sow the seeds in the open ground and thin out or transplant into the proper distance apart in the row. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

AUTUMN KING

It is one of the most popular of the late flat headed varieties for the market. Dark green leaves, solid flat head, a good keeper, fine quality for both home and market. **Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., $1.10; lb., $2.00.**

SUCCESSION OR MID-SUMMER CABBAGE

A variety that can be used as a summer as well as a late variety by successive plantings. Quick to mature and sure to head. A good variety for market gardeners where their market calls for large heads. **Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., $1.10; lb., $2.00.**

HARTMAN'S RESELECTED COPENHAGEN MARKET

This is a selection made by the introducer of Copenhagen Market. It has the same general shape as the parent but is selected for a small solid heading variety. Heads 4 to 6 lbs. We suggest trying out this variety alongside of Golden Acre. We see no difference. Without doubt this is the best variety to grow for market as so many people nowadays want a small heading cabbage. **Pkt., 12c; oz., 35c; ¼ lb., $1.10; ½ lb., $2.10; lb., $4.00.**

SHUMWAY'S IMPROVED SUREHEAD

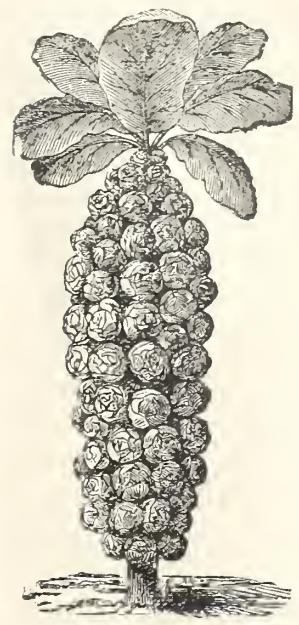
Produces very large perfect shaped heads similar to Flat Dutch, uniform in shape and very sure heading. None have finer texture. Very popular variety for market as well as home use. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

CHINESE OR CELERY CABBAGE

Wongbok. This variety seems to be an improvement over all the others, therefore we are only listing the one. The seed should be sown in the vicinity of Chicago about the last week in July or first week of August. The one outstanding requirement for good celery cabbage is cool weather. The plants grow rapidly, large, tightly folded heads which are well blanched in the heart. Very desirable as a salad and boiled it is more palatable than cabbage. Don't pass up this very popular vegetable. **Pkt., 10c; oz., 30c; ¼ lb., $1.00; ½ lb., $1.85; lb., $3.40.**

ALLHEAD EARLY OR SOLID SOUTH

This variety matures uniform large heads of excellent quality. Successive plantings will insure cabbages for use through the summer and winter. A good keeper. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**



BRUSSELS SPROUTS

The heads resemble very small cabbages, being formed on a plant stalk. The flavor of Brussells Sprouts is greatly improved after a frost. The culture is the same as for cabbage. When wanted late, sow the seed in June. **Pkt., 10c; oz., 25c; ¼ lb., 90c; ½ lb., $1.65; 1 lb., $3.00.**

DANISH BALLHEAD

The short stem stock of this variety is grown for us in Denmark. This is the leading late variety used extensively throughout the country. Heads average 10 to 12 lbs. It is exceptional cabbage for storing away. **Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., $1.50; lb., $2.90.**

NEW HOLLAND OR GERMAN EXPORT

A medium size, hardy sort that endures drought or freezing that would ruin any other variety. An excellent keeper. So solid that the small size heads will weigh as much as the large heads of other varieties. A favorite with the truckers for long distance shipping and unsurpassed for the market gardeners. **Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., $1.50; lb., $2.90.**

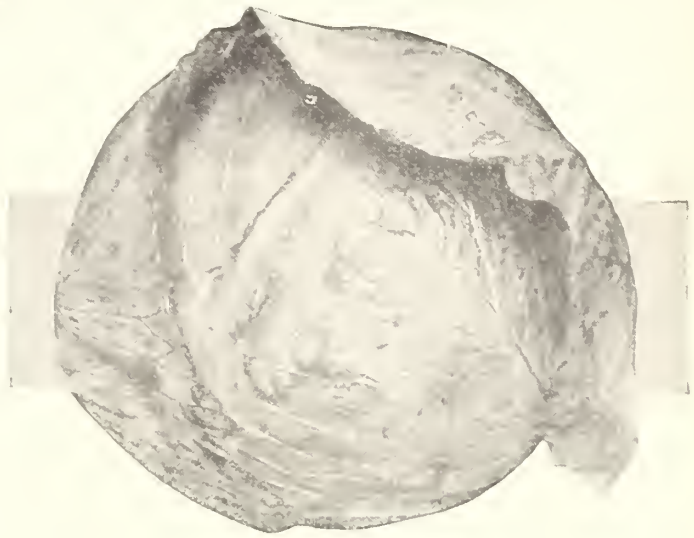
ALLHEAD EARLY

PERFECTION DRUMHEAD SAVOY

A highly recommended variety for its flavor. The largest solid heading of the Savoy type. **Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., $1.45; lb., $2.75.**

MAMMOTH RED ROCK

Hard round heads, very solid and keeps exceptionally well. Good red color to the center. **Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb. $1.45; lb., $2.70.**



SHUMWAY'S FAULTLESS

Good second early variety, sure to head, large and firm, few leaves. Excellent keeper. **Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., $1.10; lb., $2.00.**

EARLY SPRING

An early variety with much merit. Solid oval head which forms very compactly. Desirable for family garden and market. **Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., $1.40; lb., $2.75.**

SHUMWAY'S EARLY PEERLESS

A choice early variety, uniform round shaped heads growing on a short stem. Sure heading, solid and good keeper. **Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., $1.10; lb., $2.00.**

IMPROVED LARGE LATE DRUMHEAD

A standard late sort which heads well and keeps well. Extra selected strain. **Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

HOUSEMAN'S MAMMOTH OR LATE FLAT DUTCH

After many years selecting seed a perfect header is obtained. It opens very white and crisp. It has all the valuable qualities to be found in any large late variety. Heads are large and heavy. Sells well in the markets. **Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., $1.10; lb., $2.00.**

Carrots

EARLY CHANTENAY

An early variety in use 60 days after sowing, being a little earlier than Danvers. It is shorter, averaging 4 to 5 inches in length. Color is deep orange. Root smooth and of excellent table quality. A fine variety for the kitchen garden. A favorite with market gardeners. **Pkt., 8c; oz., 17c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**

SHUMWAY'S SCARLET PERFECTION

Very early, smooth, large variety. Quality is excellent. Make successive plantings. **Pkt., 12c; oz., 25c; ¼ lb., 60c; ½ lb., $1.10; lb., $2.00; 5 lbs., $9.25, postpaid.**

EARLY MARKET FAVORITE

A large improved new variety which is beautiful both in shape and color. A rich dark orange red. Very productive and cannot be surpassed for family use and marketing. **Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., 85c; lb., $1.60; 5 lbs., $7.25, postpaid.**

EARLY SCARLET HORN

A very fine early stump rooted variety. 1½ inches thick and 3 inches long. A deep orange color making it attractive for bunching. **Pkt., 8c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $4.75, postpaid.**

CARROT CULTURE

1 oz. will sow 75 to 100 ft.; 3 to 4 lbs. to the acre.

Carrots will do well in almost any soil but will produce the best on a loam, well fertilized. Sow the seed as early as possible, arranging your rows about 18 to 24 inches apart, thinning out the seedlings to two or three inches apart in the row. Sow the seed about an inch deep. Sow seed about every two weeks up to the middle of July and a supply of tender roots will be available until your winter roots are ready for storage.

NANTES, HALF LONG, OR CORELESS

A beautiful cylindrical half long variety. It is blunt-ended with a very small tap-root. This variety is very smooth and grows about 6 inches long, very sweet and practically without a core. Color is red. This carrot is considered the best known for table use. **Pkt., 10c; oz., 18c; ¼ lb., 50c; ½ lb., 85c; lb., $1.50; 5 lbs., $6.75, postpaid.**

DANVER'S HALF LONG

Selected stock. One of the most popular and widely used carrots. A rich orange red color, smooth and beautiful appearance. The roots taper to a blunt point averaging about 5 to 6 inches in length. Excellent table variety. The ideal sort for market gardeners as its yield per acre is great. **Pkt., 8c; oz., 17c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**

OXHEART OR GUERANDE

A very rapid growing variety attaining a weight of a lb. and better. It is thick shouldered, grows about 5 inches long. A deep orange red in color. Recommended for home gardens and truckers. A fine second early variety. **Pkt., 8c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $4.75, postpaid.**

EARLY LONG FORCING

A long variety that may be forced. It grows rapidly in its texture and produces greater weight of roots than shorter varieties. Market gardeners may profit by using this sort as they will be able to supply carrots early while the prices are high. Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25.

GARDEN TROWEL. 20c.
Handy tool in garden, or greenh'se,

LONG WHITE BELGIAN

A long white productive sort. Grown largely to feed stock. Cut and feed with meal or grain. Good yielder. Pkt., 5e; oz., 8c; ¼ lb., 25c; ½ lb., 35c; lb., 60c; 5 lbs., $2.50 postpaid.

IMPROVED LONG ORANGE

The well known standard sort for feeding stock. Dairymen esteem them highly for feeding cows. An excellent food for horses during the cold months. It is a good keeper of fine quality. May be used as a table carrot. Pkt., 6c; oz., 12c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50 postpaid.

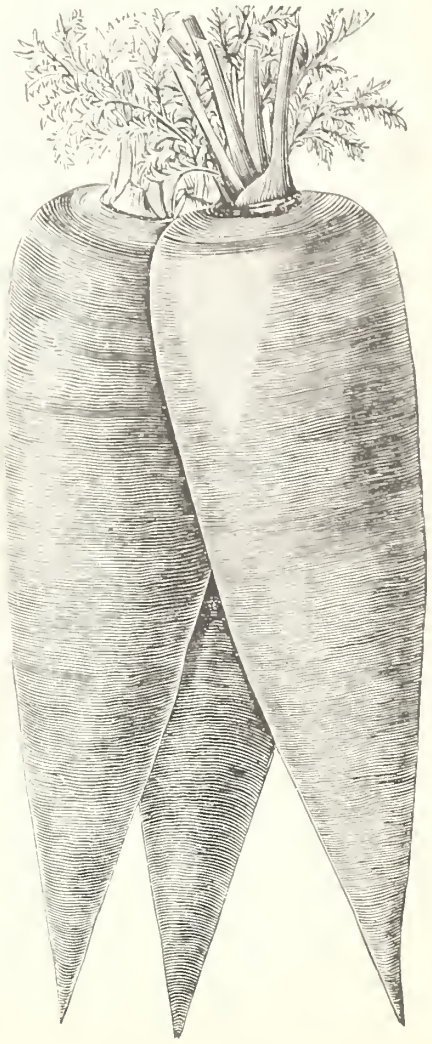
MAMMOTH ORANGE

This is an exceptionally good variety for feeding stock. It is a large orange yellow sort. Very productive and keeps remarkably well. Pkt., 5e; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70; 5 lbs., $2.75 postpaid.

CARROTS

Carrots are one of the most valuable vegetables. Not only being wholesome they supply essential vitamines. The leading baby specialists of the country demand that they be fed regularly to children. The medical profession generally advises their use for young and old.

Carrots when real young, properly prepared, are a real delicacy.



Improved Long Orange

Cauliflower

EXTRA EARLY SNOWBALL

The seed of this variety is produced in Denmark for us from extra selected stock. It produces heads that will measure about 10 inches across, very solid and perfectly white. Its growth is dwarf and heads earlier than most varieties. The plants can be grown close together as the leaves set close to the head. Pkt., 15c; ½ oz., $1.20; oz., $2.25; ¼ lb., $7.50; ½ lb., $14.25; lb., $28.00.

EXTRA EARLY ERFURT

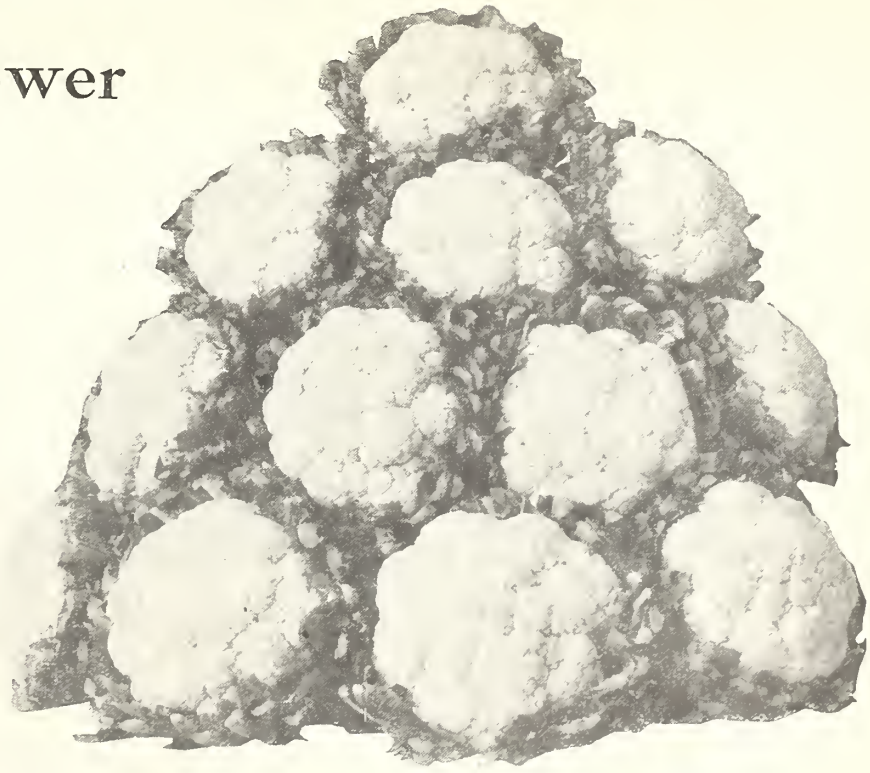
A favorite with all who have grown it, almost the same as Snowball. Produces very beautiful compact heads of fair size. Pkt., 12c; ½ oz., $1.15; oz., $2.00; ¼ lb., $6.90; ½ lb., $13.50; lb., $26.50.

DRY WEATHER OR DANISH GIANT

This seed is also produced for us in Denmark. It is a strain perfected to stand hot dry weather. It stands weather conditions better than some of the other varieties. It is a sure header, larger than Snowball. A snow white and second early. Pkt., 12c; ½ oz., 95c; oz., $1.85; ¼ lb., $6.50; ½ lb., $12.75; lb., $25.00.

AUTUMN GIANT

Very large pure white heads, well protected with leaves which keeps it in a good condition for a long time. A good variety for gardeners who wish a large type. Pkt., 10c; ½ oz., 40e; oz., 65c; ¼ lb., $2.00; ½ lb., $3.75; lb., $7.00.



MADSEN'S SUPER SNOWBALL

This wonderful strain of Cauliflower is the particular variety that the market gardeners have wanted for some time. Its extreme earliness, about 10 days earlier than Early Snowball, and uniformity of heading will excel the others for early marketing. Dry weather does not materially check its growth and therefore is able to resist diseases; resulting in yielding heads of high grade where the other strains under similar conditions will either yield heads of inferior quality or no heads.

Before the foliage is full grown and the heads have begun to appear the inside leaves begin to curl and twist forming a protection. The outside foliage is strong and vigorous. This strain heads up evenly throughout the field, which no other Cauliflower is known to do. The heads are decidedly larger, deeper and more solid than the other varieties. Pkt., 25c; ¼ oz., $1.10; ½ oz., $2.00; oz., $3.75; ¼ lb., $12.50.

EXTRA EARLY FAVORITE

A popular variety giving general satisfaction. The head is white and tender. It resembles Snowball in shape and earliness. Pkt., 10c; ½ oz., 90c; oz., $1.75.

EARLY PARIS OR NONPAREIL

A popular variety in some localities. Very white, sweet and tender. Pkt., 8c; oz., 45c; ¼ lb., $1.50.

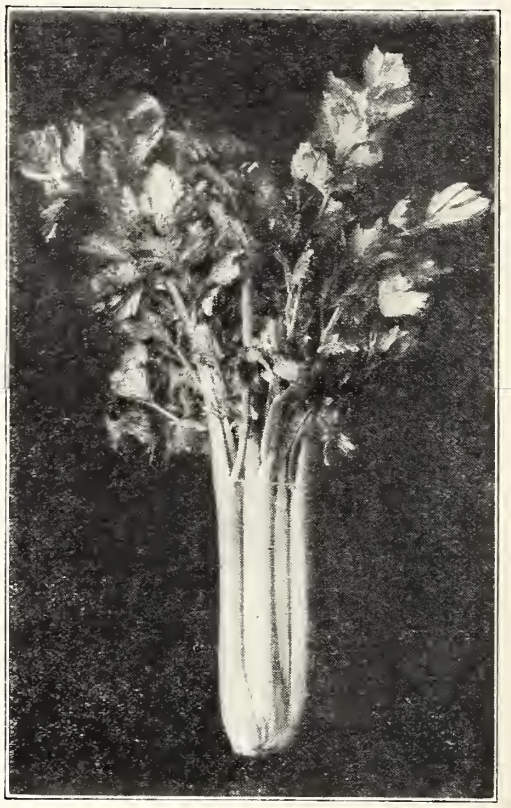
Celery

GOLDEN SELF BLANCHING

The peer of yellow varieties. It is dwarf in nature forming large bunches with broad heavy stalks, which are sweet, tender, and crisp. It is considered one of the best table varieties. Market gardeners and truckers use this sort for supplying big markets where it always meets with ready sale. Extra selected stock. Pkt., 12c; oz., 45c; ¼ lb., $1.35; ½ lb., $2.60; lb., $5.00.

GOLDEN PLUME OR WONDERFUL

A new variety which evidently is a selection out of Golden Self Blanching, however, it withstands the heat and blight better. A beautiful shade of gold in color, very brittle and excellent table quality. It blanches quickly with a full heart and good growth of outer stalk. A very desirable variety. Pkt., 15c; oz., 90c; ¼ lb., $3.25; ½ lb., $6.00.

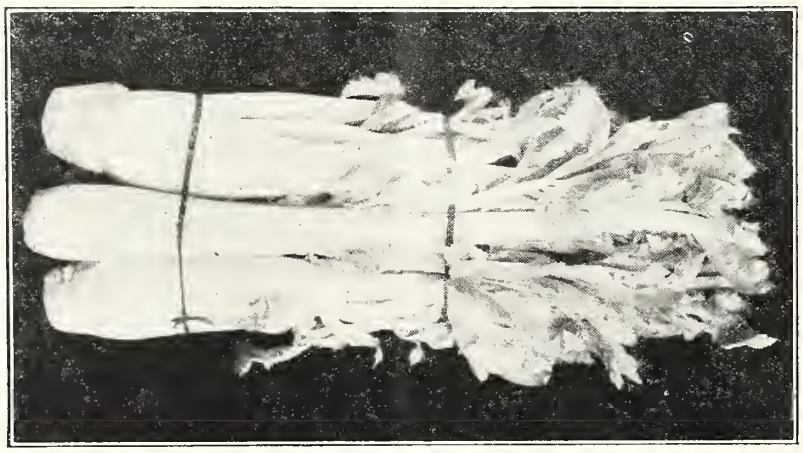


WHITE PLUME

Considered the best white variety. Market gardeners use this extensively because of its crisp, tender eating qualities, making it meet with ready sale. In growth it is vigorous, large size and uniformly white. An excellent variety when celery is in season. Not recommended as a keeper. We carry only selected stocks of this variety. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., $1.45; lb., $2.75.

GIANT WHITE SOLID

An improved strain of White Solid. Very crisp, tender, rich nutty flavor. Very compact grower making it a good keeping variety. Pkt., 8c; oz., 22c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.



KALAMAZOO

A variety creamy white in color, large size, of perfect shape, straight, solid and of excellent flavor. A beautiful appearing celery in the market, meeting with ready sale. Pkt., 8c; oz., 22c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.

GIANT PASCAL

This is a selection from Golden Self Blanching retaining many of the qualities of that variety with the added keeping qualities. The stalks are solid, large, crisp and have a rich nutty flavor. The heart is golden yellow blanching very easily and quickly. Without a doubt the best fall and winter sort. One of the favorites of the market gardeners. Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., $1.50; lb., $2.90.

CELERIAC-TURNIP ROOTED CELERY

A vegetable deserving of wider cultivation. When cooked and prepared in a salad it is very tasty. It has a rich celery flavor. They are nice creamed or used in soups. The roots keep well when stored and will last well into the winter. Pkt., 10c; oz., 25c, ¼ lb., 80c; ½ lb., $1.45; lb., $2.75.

CORN SALAD

An excellent and valuable vegetable for salads, which can be had constantly by successive sowings. Late sowings may be covered with straw in winter for early use in the spring. In some sections of the country it is used in place of lettuce for winter use. Pkt., 6c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.

GEORGIA COLLARDS

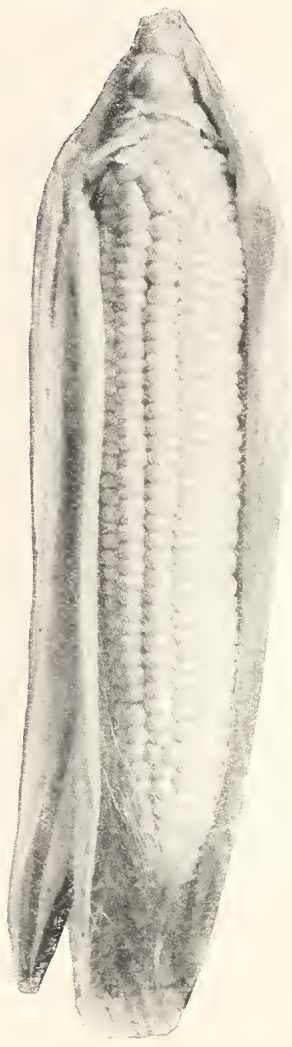
A valuable vegetable used for greens. Leaves grow anew after picking. The quality improves with freezing. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

BROAD LEAVED DANDELION

An improved large variety from Europe. Not to be confused with the common varieties. Very large size and when cultivated makes an excellent vegetable for spring greens. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., $2.50.

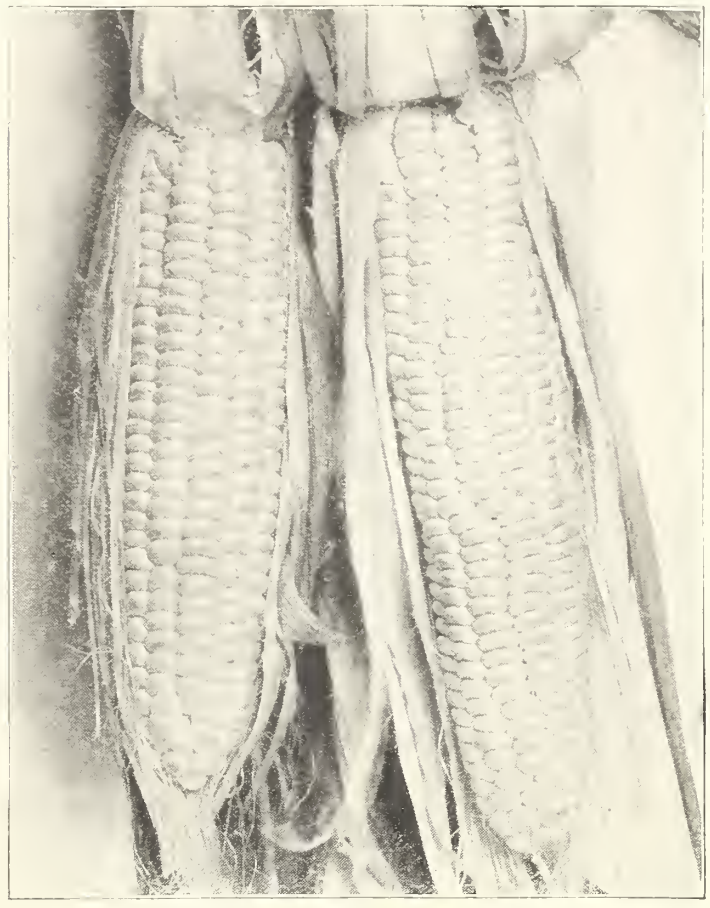
Sweet Corn

CULTURE: Do not plant too early, as the seed is liable to rot in cold ground. If the spring is early it is well to risk part of your seed, as the plants, very often, when they are once up, escape injury of early frost. Plant either in rows or hills, the rows 3 feet apart, and thin out the plants so they will stand 10 to 12 inches apart in the row.



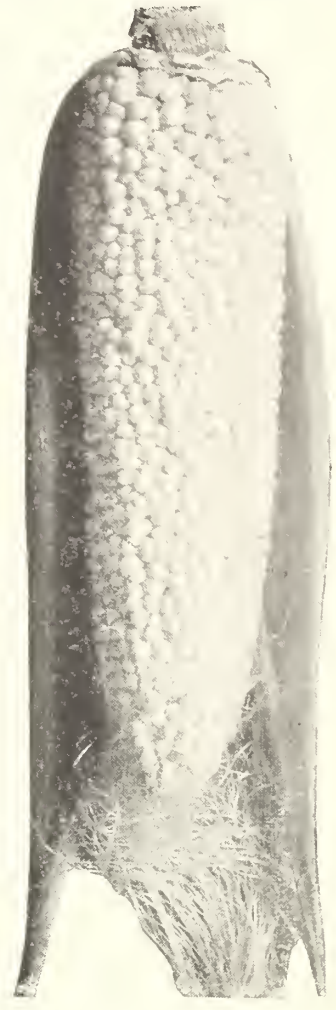
HOWLING MOB

A second early large-eared sweet corn. The season is about the same as Champion Sugar, but the ears are a little larger and the kernels are smaller. Flavor cannot be excelled by any variety. This sort always meets with ready sale on the market, in fact it dominates some markets. **Pkt., 8c; ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.30, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.60; 25 lbs., $3.85; 50 lbs., $7.50; 100 lbs., $14.50.**



GOLDEN SUNSHINE

This variety was bred up by Prof. A. F. Yeager of the North Dakota Agricultural College. Up to the present time there is no yellow variety produced that is earlier or better. We can vouch for this through our own trials. The following are the main characteristics of this variety: the ears are from 6 to 8 inches in length, yellow in color, and carry 12 rows of kernels. It reaches the roasting ear stage from 3 to 10 days before Golden Bantam. It stays in table quality stage longer. The stocks grow about 5½ feet tall and bear the ears about 15 inches from the ground. This variety certainly bears our endorsement. **Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., $1.85, postpaid. Not prepaid, 5 lbs., $1.40; 10 lbs., $2.75; 25 lbs., $6.50; 50 lbs., $12.75; 100 lbs., $25.00.**



COUNTRY GENTLEMAN

It is readily recognized by its irregular arrangement of the kernels on the cob. The kernels are plump, milky, pearly white and tender, very deep. The husk of this variety is very heavy which protects the cob and keeps the corn in edible condition for a long time. Each stalk usually produces 3 ears of corn, 8 to 9 inches long, small cob, deep grain. **Pkt., 10c; ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.80; 25 lbs., $4.25; 50 lbs., $8.00; 100 lbs., $15.75.**

Market Gardeners

GOLDEN BANTAM

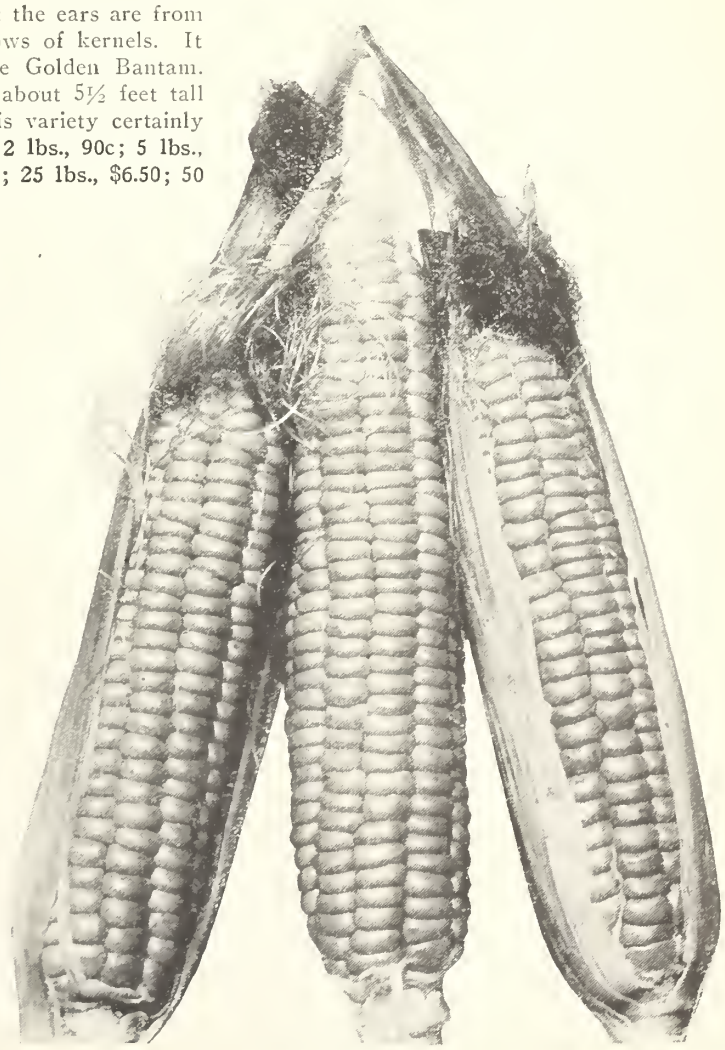
By far the most popular of all the first early varieties of sweet corn. Two ears to the stalk which are about 6 inches in length with 8 rows of beautiful golden kernels. This variety is raised extensively by market gardeners and by the amateur gardener. **Pkt., 8c; ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.30, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.60; 25 lbs., $3.75; 50 lbs., $7.25; 100 lbs., $14.00.**

SHUMWAY'S EXTRA EARLY MARKET GARDENERS

Introduced after twenty years of careful selection. It is extra early, large, rich, sweet, and good yielder in any climate. Fine for both the market and family use. All desirable points for a perfect early variety were obtained by hybridizing and crossing and then very carefully selecting the largest, most perfect shaped early ears. In this variety we consider we have one of the best varieties of sweet corn offered. **Pkt., 8c; ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.70; 25 lbs., $4.00; 50 lbs., $7.75; 100 lbs., $15.00.**

KENDALL'S EARLY GIANT

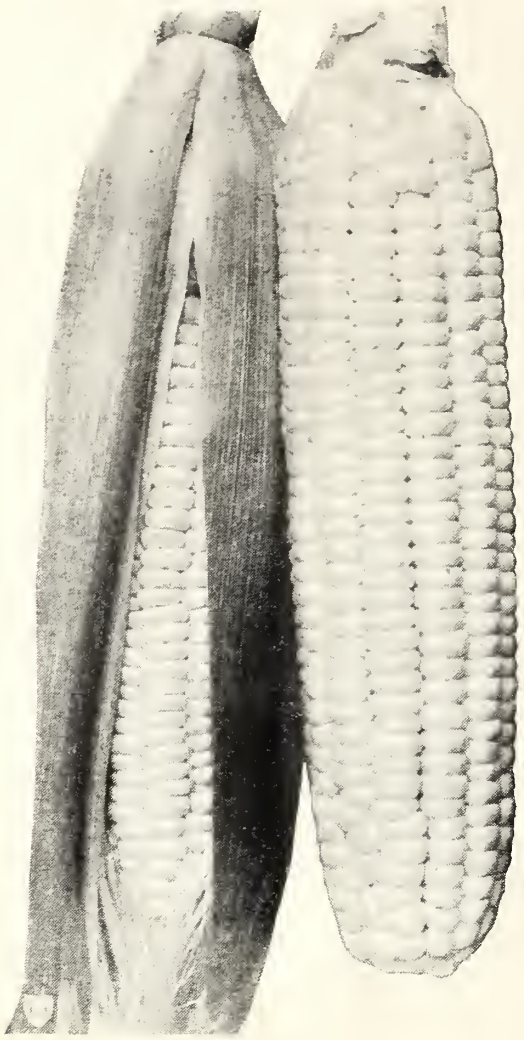
A standard large early variety for market and family use. Very prolific, sometimes 3 ears to the stalk, 12 rows pure white, tender, milky kernels. **Pkt., 7c; ½ lb., 16c; lb., 30c; 2 lbs., 58c; 5 lbs., $1.25, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., $1.50; 25 lbs., $3.50; 50 lbs., $5.85; 100 lbs., $13.50.**



Golden Bantam

STOWELL'S EVERGREEN

This is the standard late variety for family and market gardeners' use. Excellent for canning. Stalks 7 to 8 feet high, producing ears 8 to 10 inches long and about 16 rows of very fine quality corn. **Pkt., 8c; ½ lb., 17c; lb., 32c; 2 lbs., 85c; 5 lbs., $1.25, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.60; 25 lbs., $3.70; 50 lbs., $7.25; 100 lbs., $14.00.**



GOLDEN EVERGREEN

This variety was produced by hybridizing Golden Bantam and Evergreen. It retained the color and quality of Golden Bantam and took very nearly the size of the Evergreen. It is considered one of the sweetest varieties of corn that is grown today. A favorite wherever offered. **Pkt., 10c; ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.80; 25 lbs., $4.25; 50 lbs., $8.25; 100 lbs., $16.00.**

EARLY MINNESOTA

A variety producing fair sized ears, 8 to 10 rows of very sweet, tender kernels. A very productive variety only a few days later than Mammoth White Cory. **Pkt., 7c; ½ lb., 15c; lb., 28c; 2 lbs., 55c; 5 lbs., $1.20, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., $1.40; 25 lbs., $3.30; 50 lbs., $6.50; 100 lbs., $12.75.**

EARLY EVERGREEN

Eight to ten days earlier than Stowell's Evergreen. Remains in edible condition a long time, making it a very desirable variety for the trucker as well as the home garden. The ideal strain of Evergreen for the Northern part of the country. **Pkt., 8c; ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.25, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., $1.55; 25 lbs., $3.70; 50 lbs., $7.25; 100 lbs., $14.00.**

SELECT WHITE EVERGREEN

This is a decided improvement on all the other strains of Evergreen. The ear is pure white, the kernels are long and slender. The stalks are strong and vigorous, producing ears 8 to 10 inches long, 16 rows. This strain stays "in the milk" for a long time, therefore it remains in market condition longer than the other varieties. **Pkt., 8c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.65; 25 lbs., $3.90; 50 lbs., $7.60; 100 lbs., $14.75.**

MAMMOTH, LATE SUGAR

A large strain of the Evergreen type. This variety produces well both in ears as well as foliage, making an abundant supply of fodder. **Pkt., 8c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.70; 25 lbs., $4.00; 50 lbs., $7.75; 100 lbs., $15.00.**

Mammoth White Cory

MAMMOTH WHITE CORY

The popular extra early white variety. Known for its earliness, sweetness, and good size. The ears are long with the rows set very close and compact on the cob. There isn't a variety of better quality for table use. The market gardeners use largely of this variety to supply the early market. **Pkt., 8c; ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.25, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., $1.55; 25 lbs., $3.70; 50 lbs., $7.25; 100 lbs., $14.00.**

SHUMWAY'S EXTRA EARLY CORY

Very early, medium sized variety of good quality. The stalk is short and ears are produced a comparatively short distance from ground. Cannot be excelled for extremely early sort. **Pkt., 6c; ½ lb., 15c; lb., 28c; 2 lbs., 55c; 5 lbs., $1.20, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., $1.40; 25 lbs., $3.30; 50 lbs., $6.50; 100 lbs., $12.75.**

White Mexican

WHITE MEXICAN

A good large extra early variety that has become very popular in many places on account of its superb quality, size and earliness. It is rich and sweet and is ready for use shortly after Mammoth White Cory. A variety we recommend highly. **Pkt., 8c; ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.25, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., $1.55; 25 lbs., $3.70; 50 lbs., $7.25; 100 lbs., $14.00.**

BLACK MEXICAN

Considered the most delicious, sweetest corn grown. To those who know it no other variety can take its place. Gaining in favor annually. The ears are 8 inches long and 10 rows, kernels when the corn is ready to eat are white but the ripe kernels are a bluish black. It is the most desirable second early variety for private use. **Pkt., 10c; ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.85; 25 lbs., $4.50; 50 lbs., $8.75; 100 lbs., $17.00.**

Pop Corn

AUSTRALIAN HULLESS

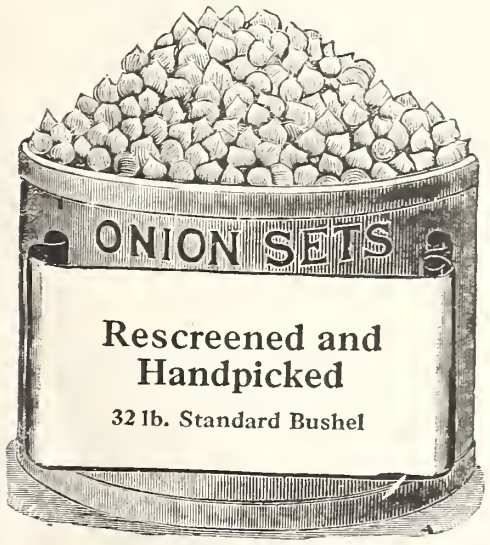
Also known as Japanese Rice, Tom Thumb. A dwarf growing variety that is a very heavy yielder. Ears are peculiar in form, being nearly as broad as they are long. The kernels are very similar to those of White Rice. It is considered the best popping variety as it pops without hull or shell. Pkt., 5c; ½ lb., 17c; lb., 30c; 2 lbs., 50c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.60.

WHITE RICE

The old standard variety which has been in use for many years. Long ears with very sharp kernels, very prolific variety as ears are usually produced 3 or 4 to the stalk. Pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., $1.40.

QUEEN'S GOLDEN

This variety produces the largest ears of any and in great abundance. The kernels are orange-yellow in color, round and very smooth. It pops a creamy white. Pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., $1.40.



RED—Grown from seed of Red Wethersfield. 1 bu., $2.85; ½ bu., $1.55; ¼ bu., 80c; ⅛ bu., 50c.

YELLOW—Grown from Yellow Flat Danvers. 1 bu., $2.85; ½ bu., $1.55; ¼ bu., 85c; ⅛ bu., 50c.

WHITE—Grown from seed of White Portugal. 1 bu., $3.50; ½ bu., $1.90; ¼ bu., $1.00; ⅛ bu., 55c.

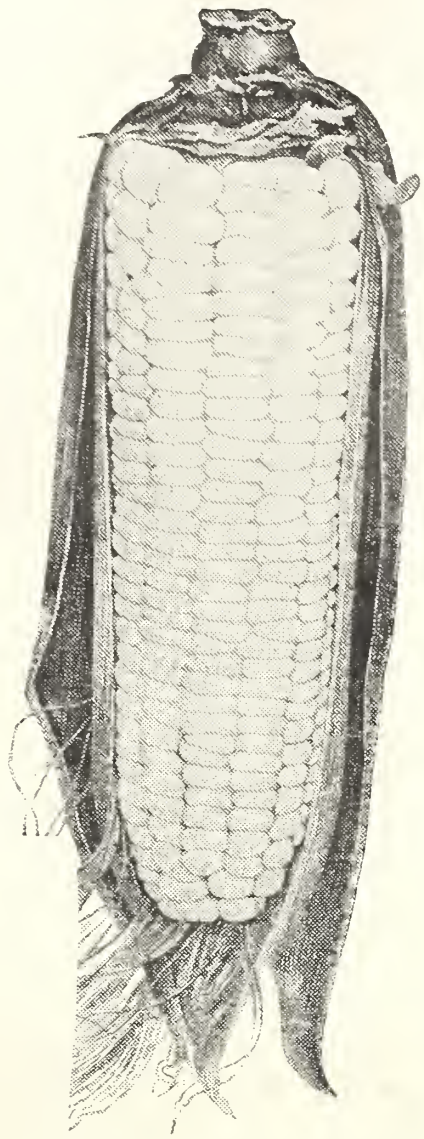
MIXED—Mechanically made by mixing the three varieties together. 1 bu., $2.85; ½ bu., $1.55; ¼ bu., 85c; ⅛ bu., 50c.

Shipped on a basis of 32 lbs. to the standard bushel.

All of the above prices are quoted transportation charges collect.

Prepaid, Red, Yellow or Mixed, 4 qts., 90c; 1 qt., 25c; pint, 15c.

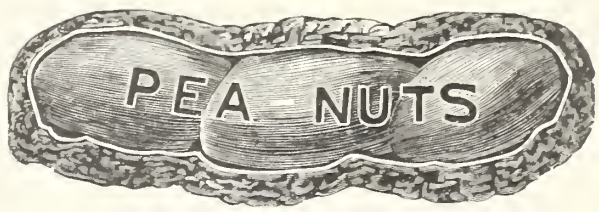
White, 4 qts., $1.00; 1 qt., 30c; pint, 18c.



EXTRA EARLY ADAMS

This is not a sweet corn but nevertheless is prized highly for roasting ears, being ready for table use 65 days after planting. Very prolific and makes very fine food for stock. Pkt., 6c; ½ lb., 15c; lb., 27c; 2 lbs., 50c; 5 lbs., $1.10, postpaid. Not prepaid, 5 lbs., 65c; 10 lbs., $1.20; 25 lbs., $2.75; 50 lbs., $5.25; 100 lbs., $10.00.

A short time after these are ripe they become mellow and fit for use in making pickles, pies, preserves or to fry in butter before ripe. It is very desirable in localities where fruit is scarce or high in price. Pkt., 8c; oz., 25c.



Plant in a warm location if possible, and when runners are a foot long cease cultivating. 5 lbs., $1.15; 2 lbs., 50c; lb., 28c; ½ lb., 17c, postpaid.

EARLY CROSBY

A very high grade second early variety. Ears 6 to 7 inches long, 14 rows, kernels pure white, very sweet and tender. Pkt., 6c; ½ lb., 15c; lb., 28c; 2 lbs., 55c; 5 lbs., $1.20, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., $1.40; 25 lbs., $3.30; 50 lbs., $6.50; 100 lbs., $12.75.

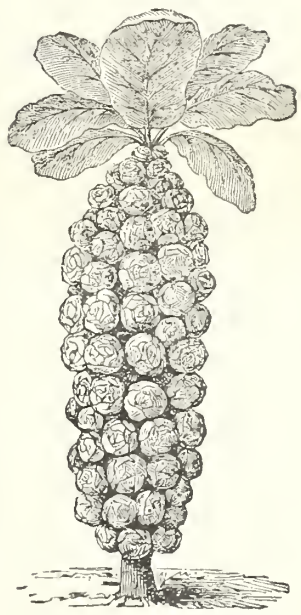
CHAMPION SUGAR

Second early variety which ranks highly in the markets. This is considered one of the earliest large sweet corns. Medium sized ears with 12 uniform rows, pure white kernels, tender and sweet. Pkt., 7c; ½ lb., 16c; lb., 30c; 2 lbs., 58c; 5 lbs., $1.25, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., $1.50; 25 lbs., $3.65; 50 lbs., $6.85; 100 lbs., $13.50.

SHUMWAY'S HONEY

A sort that is very sweet and tender. It is medium early, rather tall in its growth. Cobs are small, kernels quite deep. A variety of merit. Should be given space in every garden. Pkt., 8c; ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.30, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.60; 25 lbs., $3.75; 50 lbs., $7.50; 100 lbs., $14.50.

Early Crosby

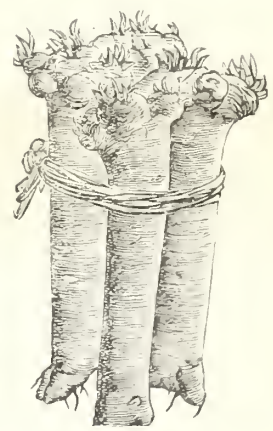


BRUSSELS SPROUTS

The heads resemble a lot of very small Cabbages growing on the stalk. They are delicious when cooked the same as Cabbage. They are also very nice to use for greens. Frost improves them. Pkt., 10c; oz., 25c.

CURLED CRESS OR PEPPER GRASS

A desirable vegetable with a pungent flavor, to be mixed with lettuce or other vegetables for salads. Grows quickly and is ready for use with other vegetables. Pkt., 5c; oz. 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



HORSE RADISH SETS

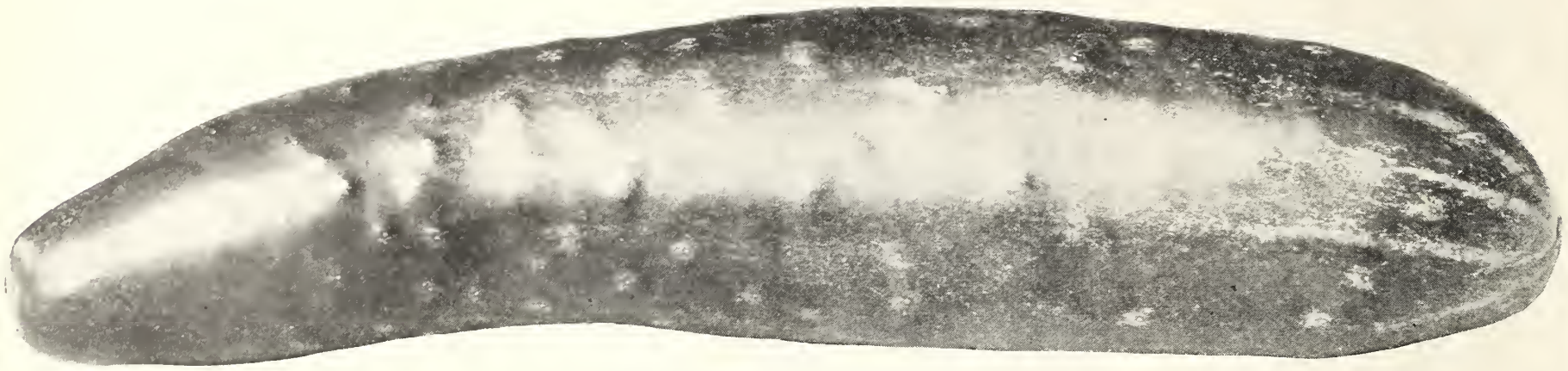
Can be set any time in the spring, and will grow rapidly. The grated root is a fine relish and tops are good greens. Dozen, 18c; 50 for 65c; 100, $1.25; 1,000, $10.00, postpaid.

SPANISH PEANUTS

This variety is much earlier than the Virginia, and is richer and sweeter, but not as large. Nuts grow in the hill instead of from the vine or runners. ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., $1.25, postpaid.

See Page 2 For Wholesale Price List

Cucumbers



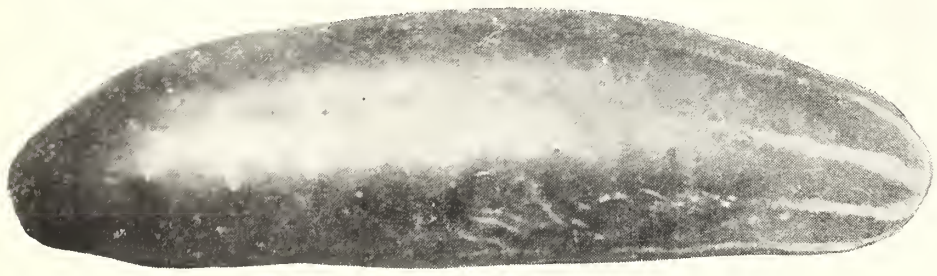
SHUMWAY'S LONGFELLOW

Without doubt the finest of the large white spine varieties. Its extreme length, its dark green color, and well balanced shape makes this a distinctive variety. It is a very shy seeder and quite prolific. This strain can be forced under glass as well as being grown in the open. Selecting the fruits from this variety one can readily secure the top prices in the market for them.

The fruit of Shumway's Longfellow is so long that they will take on the contour of the soil on which they are growing. If perfectly straight stock is desired it would be well after the fruit is set to place a shingle underneath them or at least level the ground under them. With this extra effort one can secure remarkable specimens. Its size is 15x2½ to 3 inches, weighing approximately 2½ lbs. Edible in 74 days from time of planting. **Pkt., 10c; oz., 30c; ¼ lb., 85c; ½ lb., $1.50; lb., $2.75; 5 lbs., $12.50, postpaid.**

DAVIS PERFECT

A long smooth cucumber tapering to both ends. It is the most popular of the white spine strains. A very shy seeder. It is deep green in color when in the slicing stage. Deliciously crisp flavor. May be forced in greenhouses. Length 10 to 12 inches, diameter about 2½ inches. **Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., $1.40; 5 lbs., $6.35, postpaid.**



FORDHOOK PICKLING

Similar in size and shape to Cool and Crisp. The fruits taper at both ends with warts mostly toward the stem end. Early prolific and a desirable variety for slicing as well as pickling. Size 8 by 3 inches. Edible in 54 days. **Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.25; 5 lbs., $5.50, postpaid.**

IMPROVED LONG GREEN

The standard variety for slicing or pickling. It is extremely prolific, medium late, hardy and disease resistant. The ends taper a little and are slightly warted. For general purposes it has no superior. Matured fruit 13 by 3 inches. Edible in 62 days. **Pkt., 7c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., $1.30; 5 lbs., $5.65, postpaid.**

EXTRA EARLY LONG GREEN

A selected strain of Long Green with white crisp flesh. Very rapid grower and productive in any soil or climate. Not many seeds, which adds to its desirability. Beautiful color and attractive shape. When mature the fruit measures about 10 by 3 inches. Edible in 60 days. **Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $5.00, postpaid.**

CULTURE

Cucumbers may be planted in the open ground as early as the ground is workable but it is better to delay the planting until the weather has become settled and warm. Cucumbers for pickles should be planted from June until the middle of July. Sow the seed in hills 4 to 6 feet apart in a rich loamy soil thinning out the hills after the plants are established so that there will be 4 of the strongest plants remaining. This of course is not to be done until the danger of the insects is over.

The worst enemy of the Cucumber is the Striped Cucumber Beetle. The best remedies for this insect are "SLUG SHOT" or "Plantgard" and for the Aphis use "EVERGREEN."

EARLY FORTUNE

Without a doubt one of the best long distance shipping cucumbers. It holds its dark green color and remains in an edible condition longer than any other white spine strain. The fruits are uniform and symmetrical. A variety used extensively by truckers and market gardeners. Its size when mature is 9½ inches long by 2½ inches in diameter. Edible in 65 days. **Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**

IMPROVED WHITE SPINE

One of the earliest and most prolific of cucumbers of the white spines. A variety in general use adapted for slicing or pickling. Color attractive and for the home garden as well as market gardens it remains very popular. Size 7 by 2½ inches. Edible in 58 days. **Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $5.00, postpaid.**

SHUMWAY'S GREAT GIANT CUCUMBER

This variety often grows to great size 18 to 24 inches long, if allowed to mature it would be 4 to 4½ inches in diameter. In the early stage it is an exceptional variety for slicing as it is crisp, a shy seeder and an excellent color. It is very productive and certainly a variety to grow specimens to compete for prizes at County Fairs, Granges, and Agricultural shows. It creates wonderment wherever on display. Pkt., 10c; oz., 30c; ¼ lb., 85c; ½ lb., $1.50; 1 lb., $2.75; 5 lbs., $12.50, postpaid.

WESTERFIELD'S CHICAGO PICKLING

The most popular of the small early pickling varieties. Very uniform in size and shape, producing a great quantity of fruit. It meets the most exacting criticism of the pickle works. The vines bear continuously if the cucumbers are picked. When ripe the fruit measures 7 by 2½ inches. Edible in 58 days. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $5.00, postpaid.

WHITE WONDER

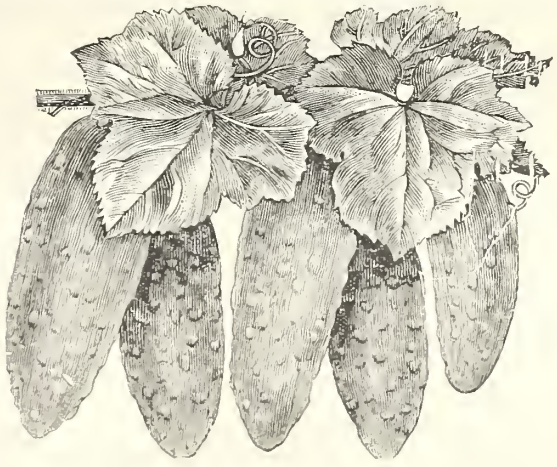
A novelty with merit. It is white at all stages of its growth. Medium late and the ends are square and blocky. It is very prolific and its snow white color makes it attractive. Size is 7 by 2½ inches. Edible in 58 days. Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb, 70c; lb., $1.25; 5 lbs., $5.50, postpaid.

GREEN PROLIFIC

This variety is also known as Boston Pickling. It is in general use and is excellent for early uniform pickles. The fruits are cylindrical, square ends and quite smooth. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., $1.00; 5 lbs., $4.50, postpaid.

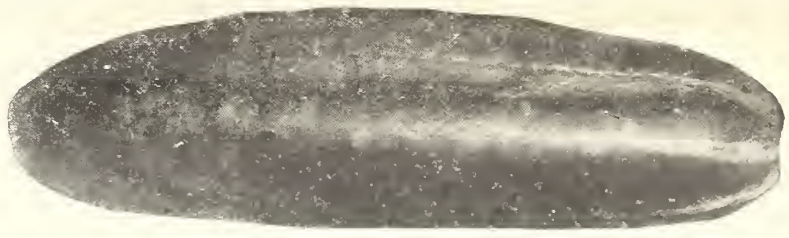
EVERGREEN

A large sort, deep green in color. Slow to turn after being picked. Very long, tender and crisp fruit. For pickling or slicing. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $4.00, postpaid.



SHORT GREEN OR EARLY FRAME

Very early bright green cucumber. The ends are abrupt and the hardiness is unexcelled. A little late in maturing, but fine for the second crop of picklers. Edible in 60 days. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10 5 lbs., $4.90, postpaid.



COOL AND CRISP

A variety tapering at both ends with prominent warts. Nearly white when fully matured. An excellent sort for slicing. Size 8 by 3 inches. Edible in 55 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., $1.00; 5 lbs., $4.50, postpaid.

EXTRA EARLY GREEN CLUSTER

A small variety supposed to grow in clusters near the roots. It is very early, prolific and uniform. A very popular pickling strain. The skin is smooth and ends taper slightly. Edible in 52 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $4.00, postpaid.

WEST INDIA GHERKIN OR BURR

It is a native of Jamaica and is used for very small pickles. Must be used when young. Pkt., 8c; oz., 20c; ¼ lb., 65c.

SERPENT OR SNAKE CUCUMBER

Really a muskmelon. Always classed, however, as a cucumber. The fruits are green, 24 inches long. Grows in a variety of interesting shapes. Not much value as an edible variety. Grown mostly as a curiosity. It never grows straight unless suspended. Pkt., 12c; oz., 40c.

THE GARDEN LEMON

The fruits are very small with lemon colored skin flecked with brown. An enormous yielder and its chief use is for salads. Very nice when stuffed with relishes. Pkt., 8c; oz., 20c.

JAPANESE CLIMBING CUCUMBER

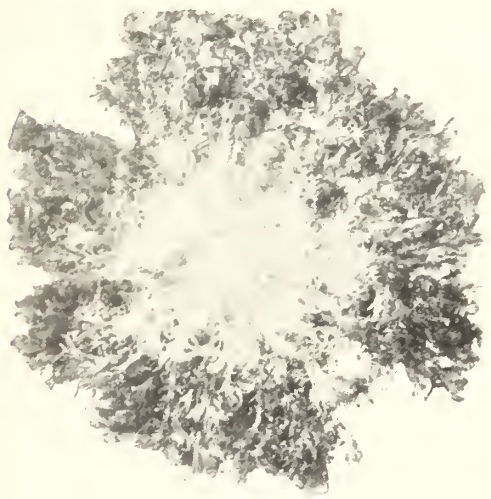
A distinct variety used to cover trellises and fences. Very rugged and disease resistant. Edible qualities are superb. Size 9 by 2½ inches. Ready to use in 58 days. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50.

SHUMWAY'S FANCY PICKLING

A perfected strain of the pickling varieties, sometimes called Snow's Pickling. The cross for this variety was suggested by R. H. Shumway and worked out with Mr. Snow, who was one of the early cucumber picklers of the country. This variety is perfectly symmetrical in shape with no small or pointed ends. This is the variety generally used by pickling works today as they are big yielders of excellent quality. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $5.00, postpaid.

EVERBEARING

An extremely small early variety. If the fruits are kept picked during the growing season it will bear until killed by frost. Very productive and exceptionally good for small pickles. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., $1.00; 5 lbs., $4.50, postpaid.



ENDIVE

Extra Fine Moss Curled. One of the finest of all salads for fall and winter use. Very easily blanched as the leaves are very compact. Tender and crisp. **Pkt., 8c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10.**

Broad Leaved Batavian. A favorite variety with wide ruffled edges. The inner leaves blanch readily to a creamy-white. **Pkt., 8c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10.**

MUSTARD

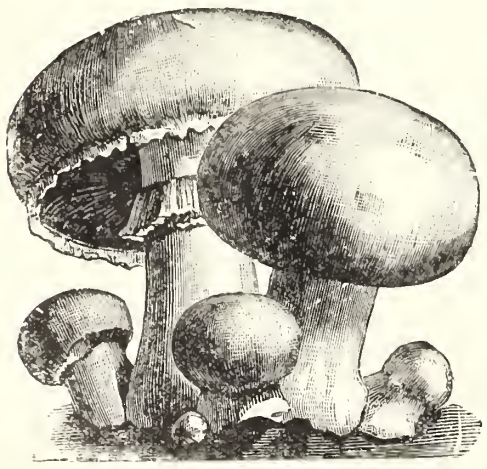
Chinese. Another vegetable used extensively for salads and greens. This variety very finely curled; beautiful in appearance. **Pkt., 5c; oz., 8c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.**

Ostrich Plume. Leaves are beautifully curled. Very large plant producing a quantity of leaves. **Pkt., 5c; oz., 8c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.**

Fordhook Fancy. Large light green leaves, well curled. Excellent for salads and greens. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.**

White Seeded. Leaves dark green and smooth, desirable for greens. Seeds are nice when used in preparing pickles. **Pkt., 5c; oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 50c.**

Black Seed. The same as the above used for the same purposes. The only difference being in the seed. **Pkt., 5c; oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 50c.**



MUSHROOM SPAWN

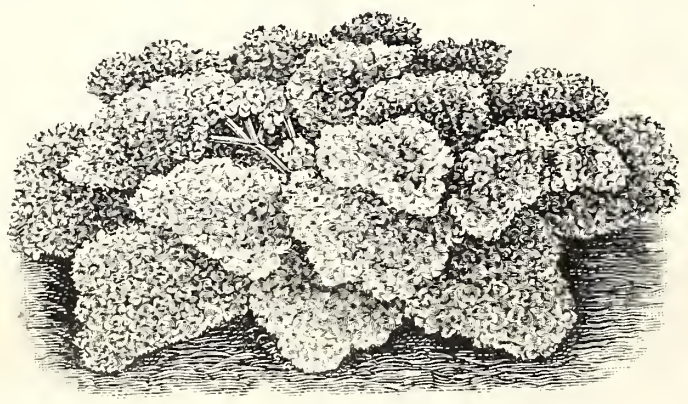
Mushrooms are readily produced in cellars by amateurs, if they will follow the instructions. A very palatable fungi when prepared with steaks or creamed on toast. Full cultural directions with each order. **Per brick 35c; 3 bricks, $1.00, postpaid. Not prepaid, 5 bricks, $1.00.**

BLACK BEAUTY EGG PLANT

The earliest and best of the large fruited Egg Plants about 10 days earlier than New York. This is a main planting variety, the fruits are large, thick, heavy at the base and of a dark purplish black color. This variety is the outstanding one in the fancy vegetable markets. **Pkt., 12c; oz., 50c; ¼ lb., $1.60; ½ lb., $3.00; 1 lb., $5.75.**

NEW YORK PURPLE EGG PLANT

Large fruit, produced in great quantities on bush of low growth. Dark purple and excellent quality. Standard variety for market gardeners and shippers. **Pkt., 12c; oz., 50c; ¼ lb., $1.50; ½ lb., $2.90; lb., $5.50.**



PARSLEY

Moss Curled. This variety is very curled, making a beautiful garnish. Good flavor, seasoning soups and meats very tastily, easily grown in the open or in pots. Every garden should have a planting. **Pkt., 8c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; lb., $1.00.**

EMERALD GREEN

Suited for the same purposes as the above variety, but not quite so curly. **Pkt., 6c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.**

HAMBURG OR TURNIP ROOTED

The root which is the edible part resembles a small parsnip. This is widely grown and is used for flavoring soups, the foliage may be used as a garnish. **Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; 1 lb., $1.75.**

MARTYNIA

The seed pods when green may be picked and used in pickles. The flowers are very pretty and interesting. **Pkt., 10c; oz., 40c; ¼ lb., $1.25.**

ORNAMENTAL GOURDS

A very interesting annual climber which rapidly covers fences, trellises or any unsightly places that one might wish to obscure from view. The ornamental fruit which they bear is very attractive. Mixed. **Pkt., 6c; oz., 12c; ¼ lb., 40c.**

Dipper Gourd. **Pkt., 8c; oz., 20c.**

Sugar Trough. **Pkt., 8c; oz., 20c.**

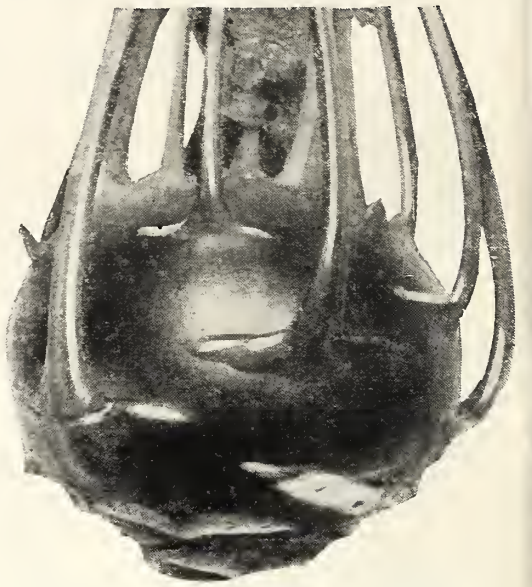
Nest Egg. **Pkt., 8c; oz., 20c.**

Hercules Club. **Pkt., 8c; oz., 20c.**

Calabash. **Pkt., 8c; oz., 20c.**

LEEK

American Flag Leaf. A vegetable regarded by many as very valuable for soups and salads. When sown in rich garden soil it is easily produced. Meets with ready sale on the markets. **Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50.**



EARLY WHITE VIENNA KOHLRABI

An intermediate vegetable between the turnip and cabbage. Very delicious when cooked the same as turnips. They are ready for use when about 2 to 4 inches in diameter. Sow in rows the same as radish or carrot, then thin so the seedlings stand 4 to 6 inches apart in the row. **Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., $1.70.**

EARLY PURPLE VIENNA KOHLRABI

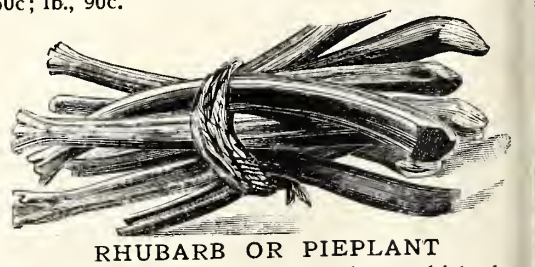
Same as above, only the skin being purple, the flesh is white and of good flavor. Will stand the heat a little better. **Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., $1.70.**

KALE OR BORECOLE

Dwarf Curled Scotch. Excellent greens for winter or spring. Leaves bright green, curly and tender. Fine flavor. Frost improves it. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.**

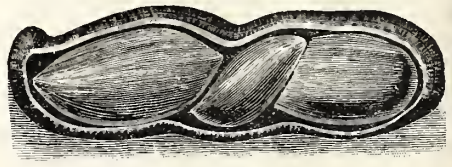
Siberian. Grown at almost any season of the year, it makes excellent greens. This variety not so curled as the Dwarf Scotch. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.**

Tall Curled Scotch. A beautiful curled sort, strong spreading habit. Bright green in color. The plant holds the leaves well up off of the ground. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.**



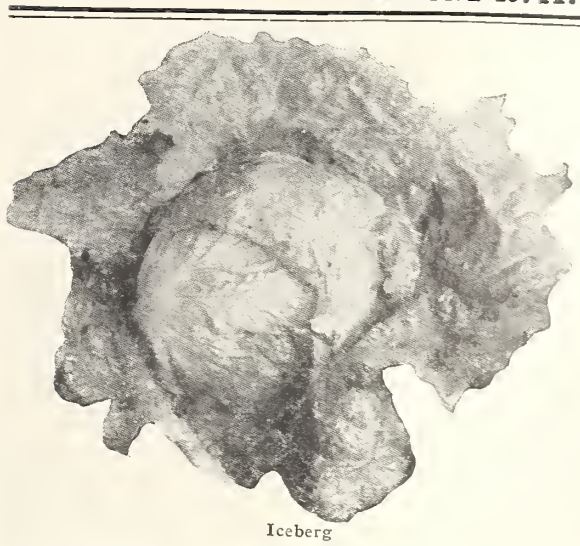
RHUBARB OR PIEPLANT

A well known useful plant, from which the stalks are used in making pies, sauce and wine. Many have been successful in canning it. A most healthful vegetable. **Pkt., 6c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., $1.30.**



PEANUTS

The peanut can be grown in any part of the country. Plant in a warm, sunny location about corn planting time, not over 2 inches in depth. Do not cultivate nor disturb them after the stems spread over the soil, as the vines throw down little rootlets on which the peanuts are produced. **½ lb., 17c; lb., 28c; 2 lbs., 50c; 5 lbs., $1.15, postage paid.**



Iceberg

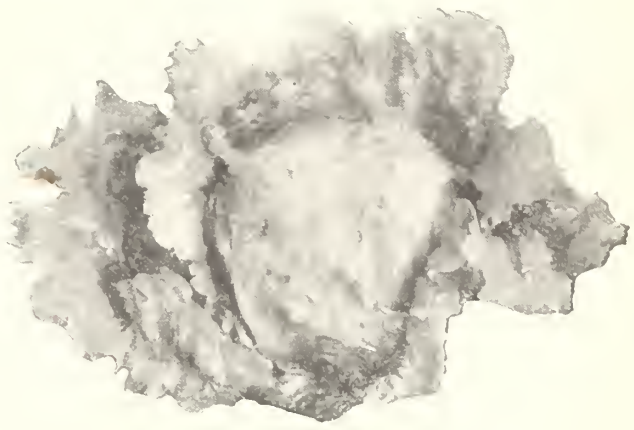
Lettuce

ICEBERG

Forms a large, compact curled, crisp head. Medium large with leaves wavy and fringed edge. A variety extensively used by market gardeners and lettuce shippers. Pkt., 7c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., $1.75.

HANSON

One of the best known old standard varieties. Crisp heading, good size, light green. The best lettuce of its class and of excellent quality. A variety used extensively by market gardeners and truckers. Pkt., 7c; oz., 12c; ¼ lb., 40c; ½ lb., 75c; lb., $1.40.



Hanson

CULTURE: Since the discovery of vitamines plays an important part in our diet, Lettuce has become a very popular vegetable; being served practically the year round as one of the important salads.

Leaf lettuce is very easily grown being started out of doors as early as the soil can be worked. It should be sown in rows and thinned out to the proper distance apart which will allow proper growth.

Head Lettuce is more difficult to grow. It requires a rich warm light quick soil, well fertilized. Should be kept well watered and transplanted, when about 2 inches high, about 15 inches apart which will allow proper cultivation. It might be well to start indoors the head lettuce two to three weeks before you would plant the seed of the leaf varieties out of doors, then transplant the head lettuce into the ground at the same time you would plant the seed of the loose leaf lettuce.

New York, Big Boston, Hanson, and Iceberg are the best of the hard heading varieties. Grand Rapids for forcing. Black Seed Simpson, Early Curled Simpson and Prizehead are the best of the loose leaf lettuce.

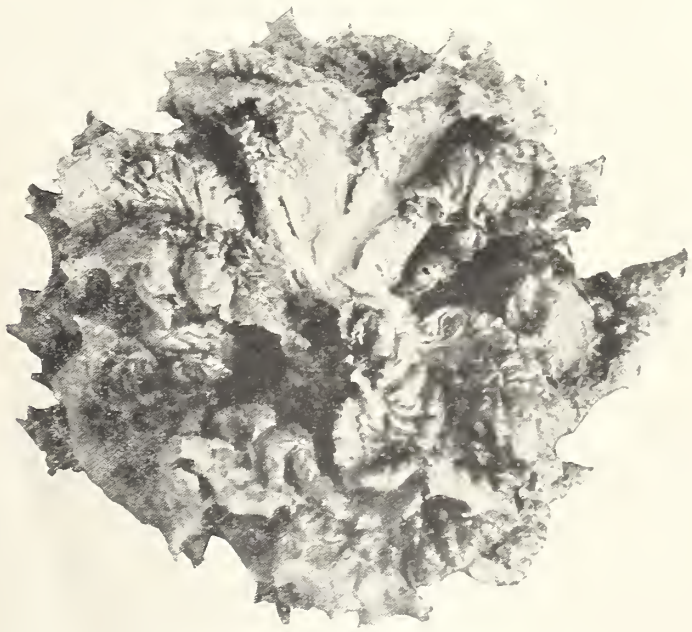
Plant lettuce in quantity as it is an exceptionally good green food for baby chicks as well as full grown chickens.

BIG BOSTON

Probably the most generally used head lettuce in cultivation. Butter type, medium large, light green with a slight tinge of brown on the edges of the outer leaves. It is early and hardy and stands shipping well. The head is very crisp and the interior a golden yellow. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50.

NEW YORK

This variety is listed under its true name. It has been given many others such as Los Angeles, Mountain Iceberg, Wonderful. A variety used extensively by the large lettuce growers of the Pacific Coast, Colorado and Idaho. It is crisp heading, large dark green, and leaves slightly curled on the edges. The mature head is globular and the market growers prefer it as the folded leaves over the head protect it from sunburn. This sort is distinct and is readily recognized at all stages of its growth. Without doubt the leading head lettuce. Pkt., 10c; oz., 18c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.30.

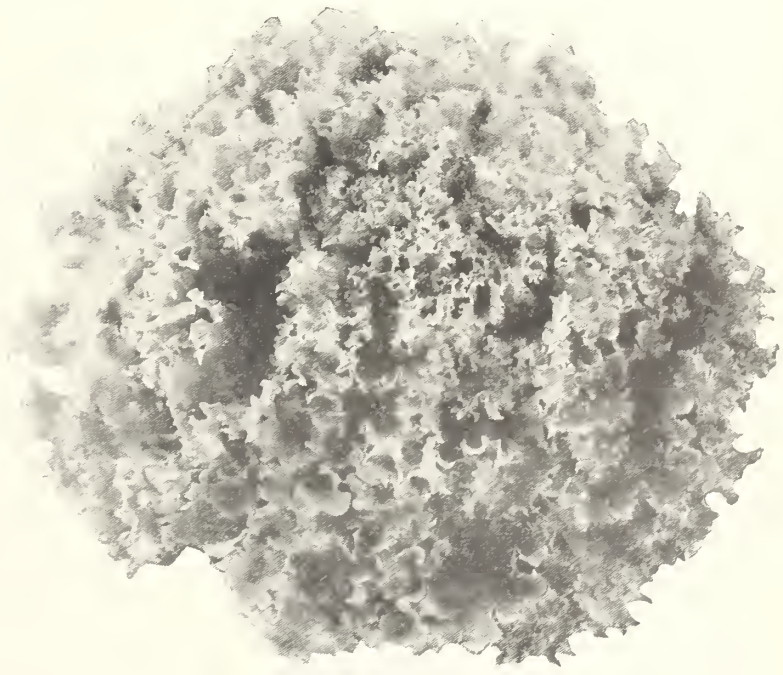


EARLY CURLED SIMPSON

A decidedly crisp variety, strictly bunching, medium in size. Desirable for early market as well as an intermediate sort. Slow to go to seed. A dense cluster of curly leaves. Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., $1.30.

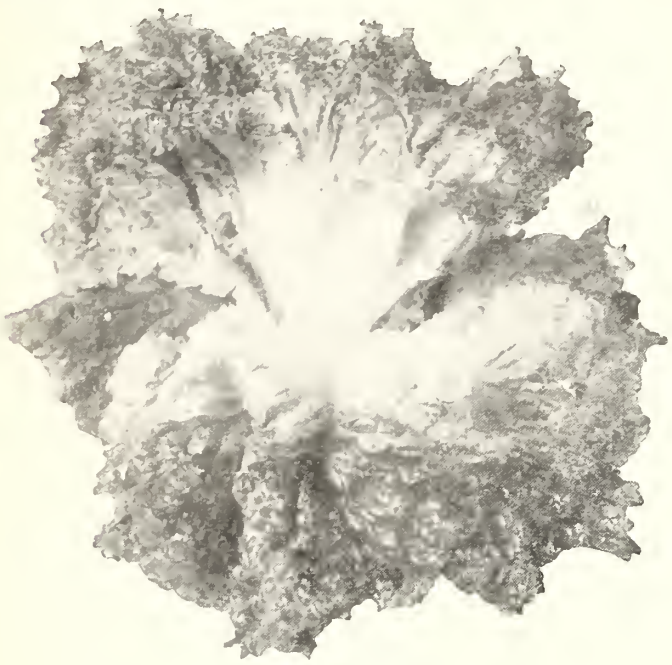
CHARTIER

A curled, crisp, medium size heading variety. Leaves are a beautiful shade of green with outer ones tinged with brown. Stands the heat well and slow to go to seed. Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.25.



GRAND RAPIDS

A well known and popular variety, non-heading. Leaves wavy, fringed, and very curly. Extensively used for forcing. When grown under glass it makes a very tender leaf of fine quality. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 75c; lb., $1.40.



PRIZEHEAD

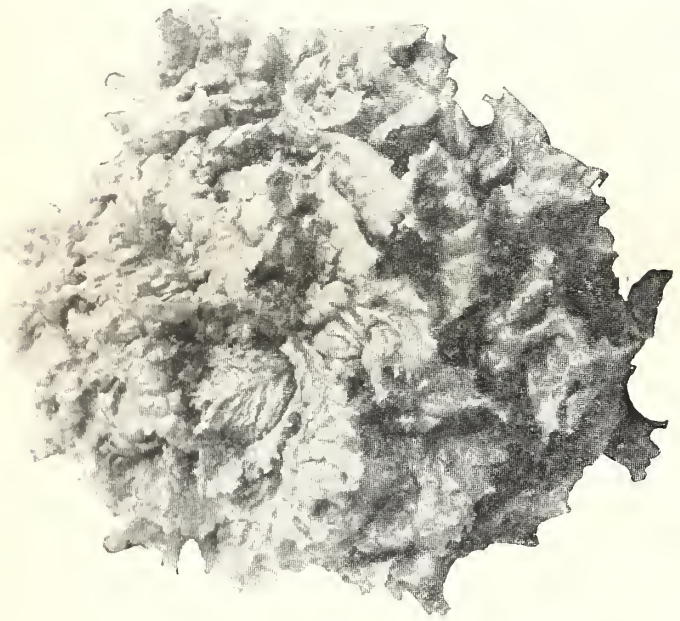
One of the best known popular varieties of the leaf or non-heading type. Medium size light brown edges on a green base. One of the best home garden varieties as it grows quickly and makes many leaves which are of excellent flavor. **Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50.**

DENVER MARKET

A standard variety which is well known. Medium size, curled, crisp heading, light green leaves very much crumpled. Leaves are very tender and delicious. **Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.25.**

TOMHANNOCK

Decidedly crisp, strictly bunching. Leaves are crumpled and the color almost a bright brown varying to bright green near the center of the plant. Very good quality, sweet in flavor. **Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 65c; 1 lb., $1.25.**



BLACK SEED SIMPSON

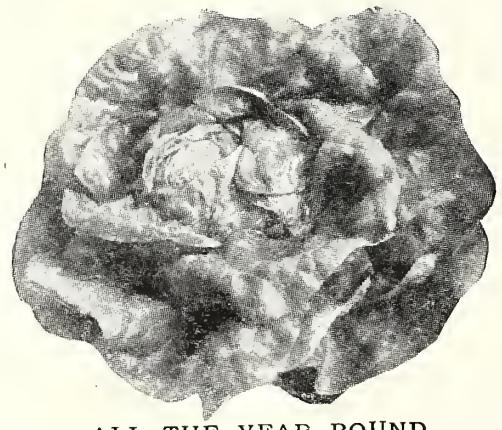
A non-heading bunching crisp light yellowish green variety. Early and of fine quality. This variety may be used for hot bed culture. This sort in general use. **Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50.**

MAY KING

A popular variety of recent introduction. Heads rather small, light green, tinged slightly at the edge with brown. This variety is highly recommended. **Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 75c; 1 lb., $1.40.**

HARDY GREEN WINTER

This variety also known as Hammersmith. A cabbage butter head medium size variety. Leaves crumpled with straight edges. This sort forms tight hard heads in the late fall or early winter, hence deriving its name. **Pkt., 10c; oz., 18c; ¼ lb., 50c; ½ lb., 90c; lb., $1.75.**



ALL THE YEAR ROUND

A medium sized cabbage butter heading variety of fine quality. Bright green in color. Continually throws out new leaves. **Pkt., 6c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10.**

CALIFORNIA CREAM BUTTER

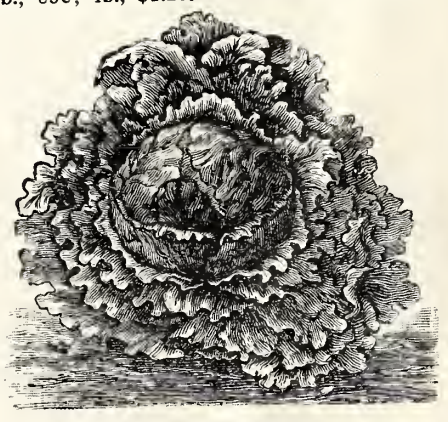
A butter head variety with thick leaves. Large in size. Dark green in color. The inside of the head is a rich golden yellow. Quality first class. A good shipper and forms a good solid head under ordinary conditions. **Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.25.**

PARIS WHITE COS

Sometimes called Trianon Cos. The best known and most popular variety of its type. Medium large in size. Forms a good well folded long head of excellent quality. **Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.25.**

GIANT CRYSTAL HEAD

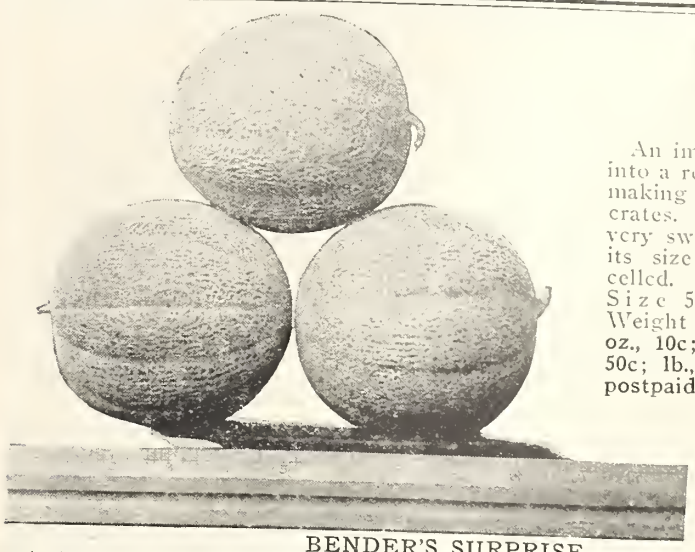
A large heading variety remaining in good condition for a long time. The plants should stand 12 to 15 inches apart to allow regular cultivation. Leaves are wavy with fringed edges. **Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50.**



SALAMANDER

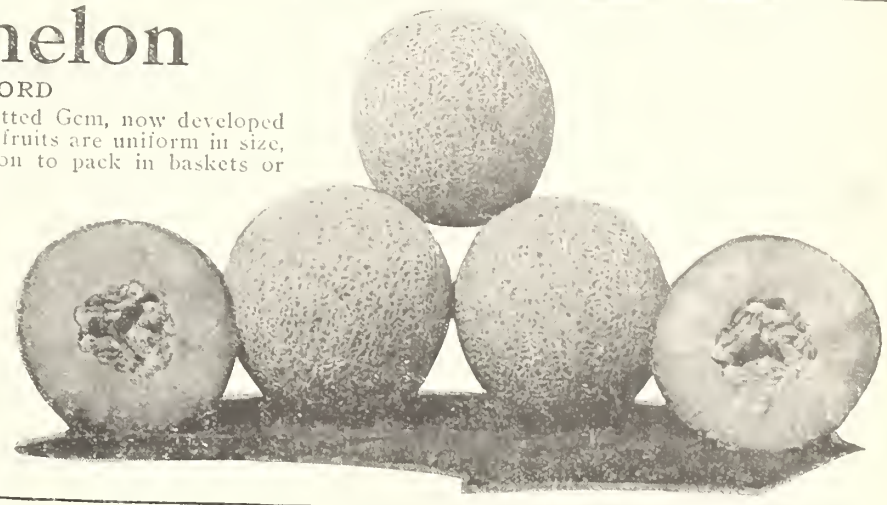
This is a cabbage butter head medium size variety. Leaves are straight on the edges but crumpled. Does well under any weather conditions. **Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.25.**

Muskmelon



ROCKY FORD

An improved strain of the Netted Gem, now developed into a round typed melon. The fruits are uniform in size, making it a very desirable melon to pack in baskets or crates. The flesh is green, very sweet and spicy. For its size it cannot be excelled. Edible in 96 days. Size 5½ by 5 inches. Weight 2½ lbs. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.**



BENDER'S SURPRISE

A large sized fine flavored early melon. A great favorite on the markets. The melons are oval shaped, slightly ribbed with coarse netting. The flesh is deep orange. Very thick and sweet. Growing to a fairly large size, 8 to 10 lbs. This melon keeps well after being picked, which is a very desirable feature. **Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., $1.40; 5 lbs., $6.50, postpaid.**

6 to 8 lbs. per acre in hills.

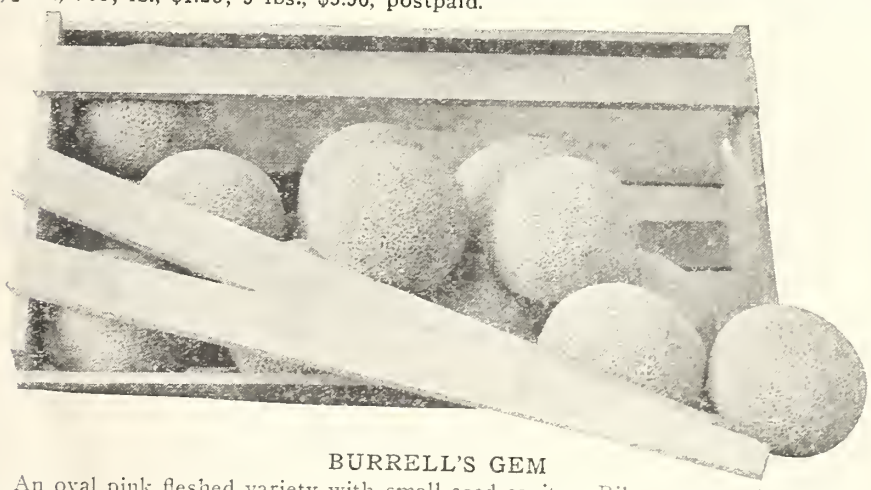
CULTURE Melons do the best in light rich soil, sunshine is necessary to produce sugar content. When the ground is warm, generally May 15th, sow the seed in hills 5 to 6 feet apart, watermelons 8 to 10 feet apart. The vines of melons are heavy feeders and it is well to place several shovelfuls of well rotted manure into each hill. Plant 10 to 12 seeds in each hill and cover not more than ½ inch deep. After the danger of bugs is over leave about 4 of your stronger plants in each hill. For insect disturbance treat the same as Cucumber vines.

HEARTS OF GOLD

Selected from the Hoo-Doo. A splendid shipping variety as it runs very uniform in size. The flesh is pink and very deep, making a remarkably small seed cavity. A very solid melon standing long distance shipping. Edible in 92 days. Size 6 by 5 inches. Weight, 2 lbs. **Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**

OSAGE

One of the most widely used melons in this country. The flesh is salmon colored, thick and spicy. A small seed cavity for so large a melon. An excellent melon for local markets and to ship where the distances are not great, in fact it is one of the finest all purpose muskmelons. Edible in 92 days. Size 8 by 6 inches. Weight 6 lbs. **Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.20; 5 lbs., $5.40, postpaid.**

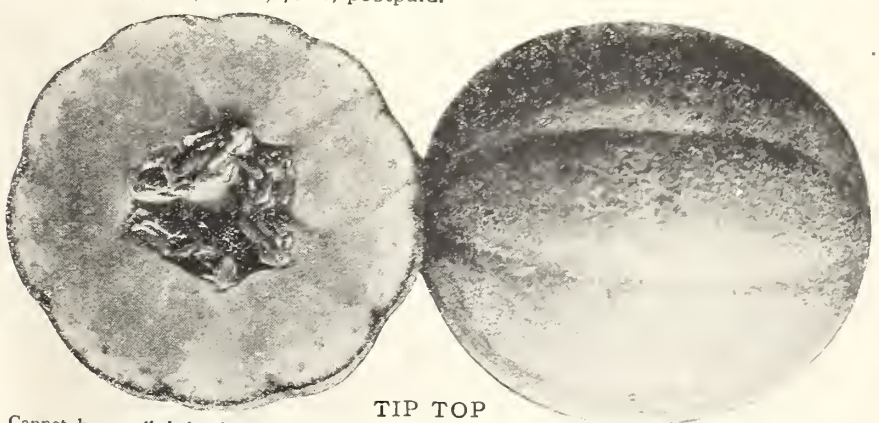


BURRELL'S GEM

An oval pink fleshed variety with small seed cavity. Ribs not prominent. The flesh is very sweet and spicy. Its shipping qualities are excellent. Edible in 87 days. Size 6½ by 5 inches. Weight 3 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.**

LAKE CHAMPLAIN

This is an extra early variety of good quality. Deep golden yellow, sweet flesh. Medium size, ribbed with a pronounced netting. It is not adapted to shipping great distances but is the earliest melon of quality for the local market. Very productive and recommended for the revenue it will bring for the space given to it. Edible in 85 days. Selected stock seed. **Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., $1.10; lb., $2.00; 5 lbs., $9.50, postpaid.**



TIP TOP

Cannot be excelled for its eating qualities. The flesh is bright salmon, remarkably thick, sweet and spicy. Its shape varies from round to slightly oblong. Slightly netted and ribbed. A shipping melon for moderate distances. Excellent market gardeners' variety. Edible in 96 days. Size 8½ by 7½ inches. Weight 6 to 7½ lbs. **Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.15; 5 lbs., $5.25, postpaid.**

ACME OR BALTIMORE MARKET

An excellent medium early variety, small in size, heavily ribbed and netted. It is long with distinct neck at the stem end. The flesh is green. Eating quality is excellent. Edible in 90 days. Size 7½ by 5 inches. Weight 3½ lbs. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85, postpaid.**

EXTRA EARLY GRAND RAPIDS

Large pink meated melon. Heavy ribbed. Eating qualities excellent. Not adapted for shipping. Edible in 94 days. Size 9 by 7 inches. Weight 7 lbs. **Pkt., 5e; oz., 10c; ¼ lb., 30e; ½ lb., 50c; lb., 90e; 5 lbs., $3.85, postpaid.**

EXTRA EARLY HACKENSACK

A popular early green fleshed variety. The shape of the melon is flat and the size about 4 by 6 inches. Distinct ribs and netting. Very prolific and hardy. Not adapted for shipping, being a home garden sort. Flesh is very sweet and spicy. Ready for use in 90 days. Weight 2¾ lbs. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85 postpaid.**

CHICAGO MARKET

This variety is similar to the above but the shape is more round. The flesh is green. A very desirable sort for the home garden or to be sold on the local markets. Edible in 90 days. Size 7 by 6½ inches. Weight 4 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.85 postpaid.**

MILWAUKEE MARKET

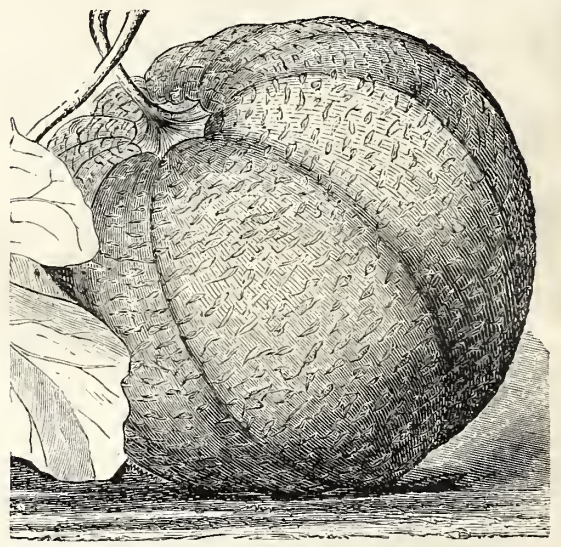
A variety which has attained prominenee in all of the markets of the large eities. A medium large pink fleshed variety with remarkable eating qualities. It is early in maturing. The rind is extremely hard, making it an exeellent shipping variety. Very prolific and handsome in appearance. A very profitable sort to grow. Edible in 87 days. Size 7½ by 6½ inches. Weight, 5 to 6 lbs. **Pkt., 7c; oz., 15c; ¼ lb., 40e; ½ lb., 70c; lb., $1.30; 5 lbs., $5.60, postpaid.**

HONEY DEW

A green fleshed perfeetly round smooth skinned melon, light eream in color. The length of the melon is about 10 inehes and about 9½ inches in diameter. It is late in maturing and does not grow to perfection in the northern states. An excellent shipping variety and if properly kept will remain in edible condition for a long time. It is claimed this variety had its origin in Africa. **Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 75e; lb., $1.40; 5 lbs., $5.75, postpaid.**

SHUMWAY'S SILVER NETTED

A perfectly round green fleshed variety a little larger than Roeky Ford. Completely covered with netting with no trace of ribs. It is early and the remarkable feature is the thickness of the flesh which is not excelled by any other sort. An excellent shipping variety. Edible in 94 days. Size 6 by 6 inehes. Weight 3¼ lbs. **Pkt., 5c; oz., 10e; ¼ lb., 35e; ½ lb., 60c; lb., $1.10; 5 lbs., $4.90, postpaid.**



SHUMWAY'S GIANT

The largest of the pink meated melons. Deeply ribbed, slightly netted. Skin lemon color as it ripens. The fruits average 12 to 15 lbs. Have been known to go as high as 25 lbs. The flesh for a large melon is very sweet and spicy. Not a shipping variety but for home use and loeal markets. Edible in 94 days. **Pkt., 7e; oz., 15c; ¼ lb., 40c; ½ lb., 70e; lb., $1.30; 5 lbs., $5.60, postpaid.**

JENNY LIND

A small flat green fleshed early maturing variety. It is a standard early home variety. Edible in 87 days. Size 4 by 3 inches. Weight, 1 lb. **Pkt., 5e; oz., 10e; ¼ lb., 30e; ½ lb., 50e; lb., 90e; 5 lbs., $3.85, postpaid.**

BANANA

A long variety tapering at both ends. Skin is lemon colored when mature. Pink flesh, delieious eating qualities. Edible in 94 days. Size 14 by 4 inehes. Weight 7 lbs. **Pkt., 7c; oz., 15e; ¼ lb., 40c; ½ lb., 70e; lb., $1.30; 5 lbs., $5.60, postpaid.**

EARLY GREEN NUTMEG

The fruits are rather heavily ribbed and netted. Green fleshed, small size and almost round. This is one of the most prolific melons known. A very desirable variety for home use. Matures in 88 days. Size 5 by 5 inches. Weight 2¾ lbs. **Pkt., 5e; oz., 10e; ¼ lb., 28e; ½ lb., 45e; lb., 80e; 5 lbs., $3.35, postpaid.**

EMERALD GEM

A small smooth skinned variety. Slightly ribbed. The flesh is pink, very sweet and spicy. It should be picked when the skin is still green. When it starts to color it is over ripe. Excellent home garden variety. Edible in 87 days. Size 4 by 5 inches. Weight 2 lbs. **Pkt., 5e; oz., 10c; ¼ lb., 30c; ½ lb., 50e; lb., 90e; 5 lbs., $3.85, postpaid.**

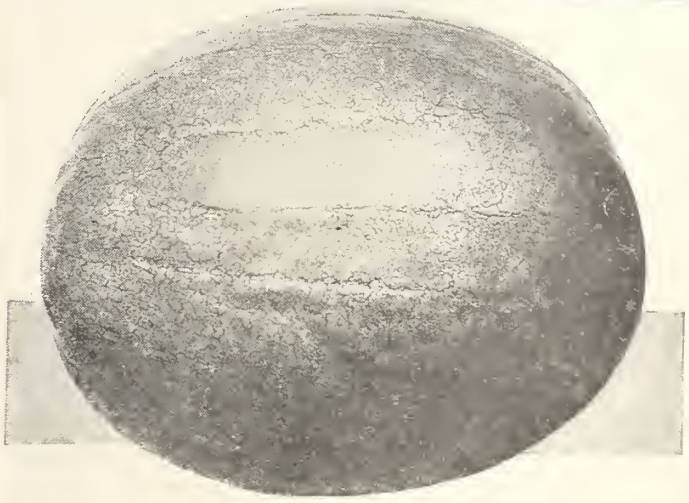
PRINCESS OR IDEAL

A large pink fleshed melon. Heavily ribbed and netted. An excellent main crop variety. Flesh is very thiek, sweet and spicy. Another excellent variety for home gardening and local markets. Edible in 95 days. Size 7½ by 7 inches. Weight 6 lbs. **Pkt., 5e; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.**

Emerald Gem

SEE PAGE 2 FOR WHOLESALE PRICES

Watermelons

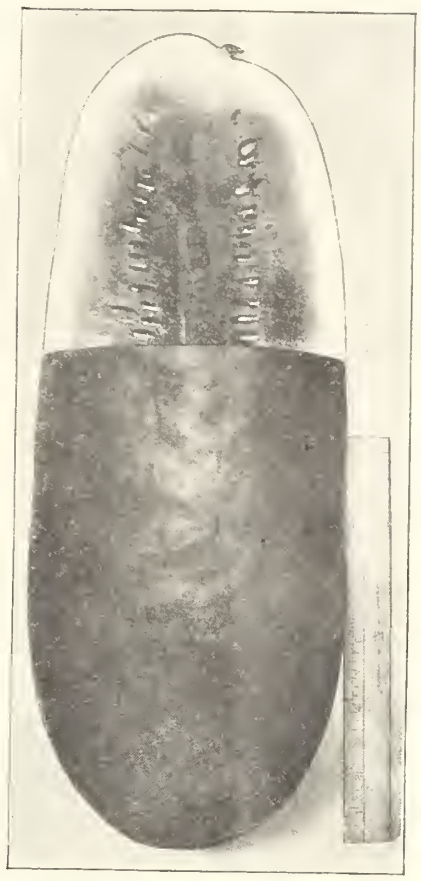


HARRIS EARLIEST

An almost round black seeded melon. Rind is dark green striped with a lighter shade, flesh firm and delicious. A home as well as as local market sort. A variety adapted for short growing season. Edible in 80 days. Weight about 20 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**

FERRY'S SWEETHEART

An extremely large melon of excellent quality. Rind is light green with fine veins. An excellent shipping variety. Black seeded. Weight 25 lbs. Edible in 88 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.**



TOM WATSON

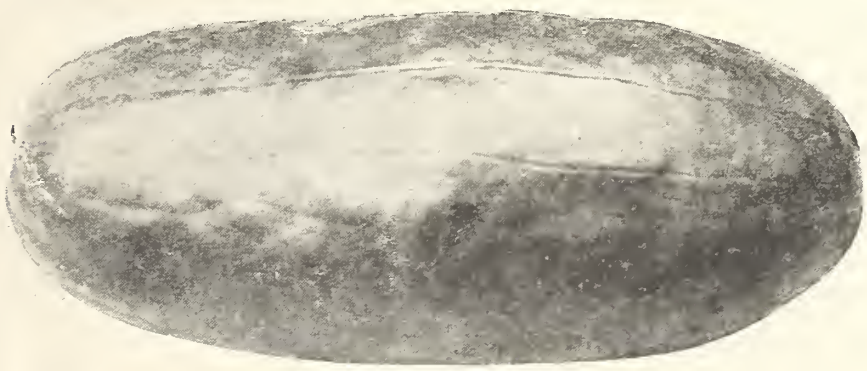
The most popular shipping melon. Very solid long dark green elastic rind. Good flavor, tender and crisp. Edible in 92 days. Weight about 40 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**

COLE'S EARLY

An extra early sure cropper. This sort is medium in size, thin, brittle rind. The flesh is deep red, firm and delicious. Without a doubt the finest variety for home gardens. Weight about 20 lbs. Edible in 80 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**

IRISH GREY

A very popular shipping variety. Rather large in size, long in shape. The rind is light green in color. The flesh is red, not stringy or coarse, very sweet. This is recommended equal to Tom Watson as a shipping variety. Average weight, 35 lbs. Edible in 90 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.**



KLECKLY'S SWEET

A variety widely used for the home garden and market. It is long and symmetrical often reaching 22 inches in length and attaining a weight of 50 lbs. Skin dark green, flesh is a bright red, very tender and melting. Medium early in maturity. Edible in 87 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.**

McIVER'S WONDERFUL SUGAR

This melon has remarkable shipping qualities. The shape is long, rind is light green with irregular dark green stripes. Very prolific. A profitable melon to grow. Weight 30 lbs. Edible in 92 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.**

GOLDEN HONEY

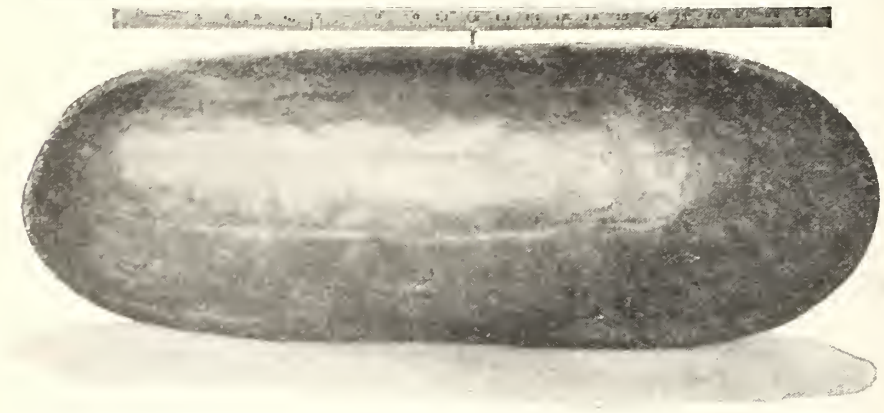
The best yellow fleshed variety. Oblong in shape, rind a dark green. The flesh is a bright golden color. Very attractive and of excellent flavor. Weight about 20 lbs. Edible in 90 days. **Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., $1.10; 5 lbs., $4.75, postpaid.**

FLORIDA FAVORITE

A large early variety of attractive shape. Excellent eating qualities. Flesh bright crimson. Good local market variety. Edible in 87 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**

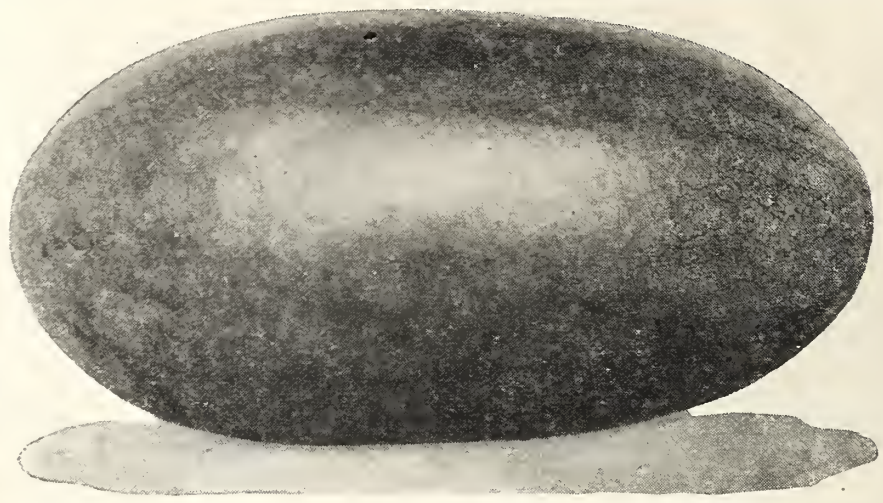
DIXIE

This melon has remarkable keeping qualities. The flesh is a bright red, seed black, rind striped dark and light green. Weight 25 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**



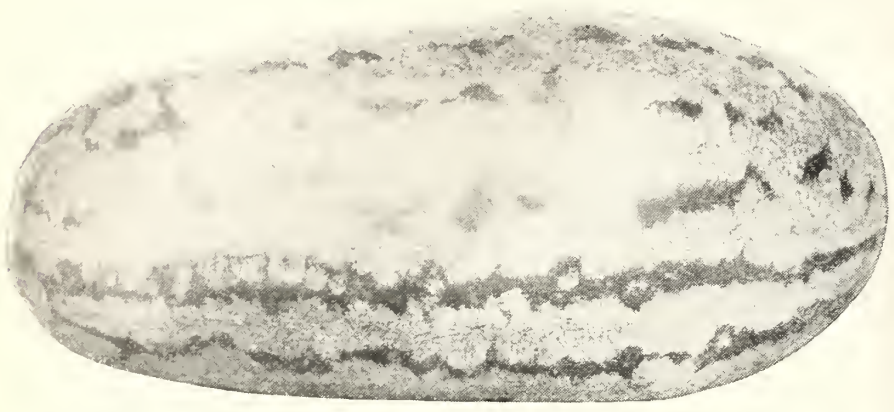
HALBERT HONEY

A fine medium early local market melon enjoying universal use. As the cut shows it is a long cylindrical variety with a deep green rind. A solid melon, firm sweet flesh weighing about 35 lbs. Vines are vigorous in growth, bearing very prolifically, making it a very profitable melon to grow. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.**



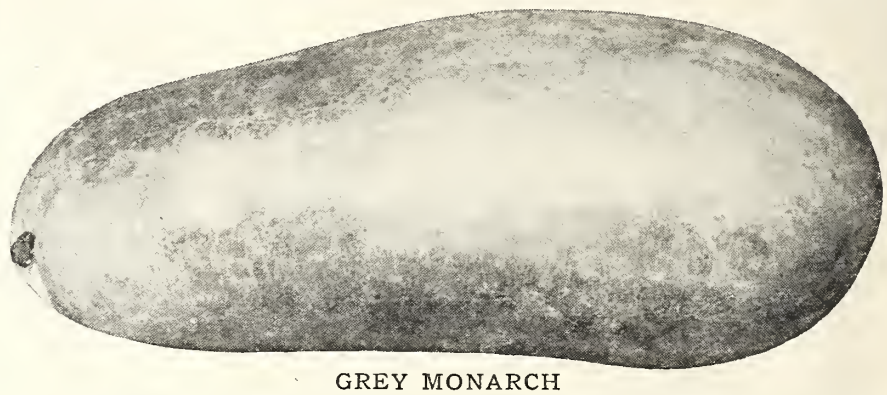
ALABAMA SWEET

Another excellent shipping variety with tough, elastic rinds. A well known, widely used kind. The flesh is bright red, fine grained and sweet. White seeded. A melon that always sells well on the markets. Weight, about 30 lbs. Edible in 90 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.**



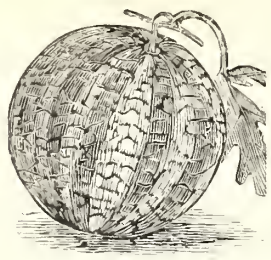
LARGE STRIPED GYPSY OR GEORGIA RATTLESNAKE

A standard variety of excellent shipping qualities. Light green color irregularly mottled with dark green stripes. Flesh a bright red and very sweet. Cannot be surpassed. White seeded. Weight 30 lbs. Edible in 92 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.**



GREY MONARCH

A light green large type long melon. Not a shipping variety but excellent for local markets. Very prolific and fairly early in maturity. This sort is also called Long White Icing. Weight 25 lbs. Edible in 90 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.**



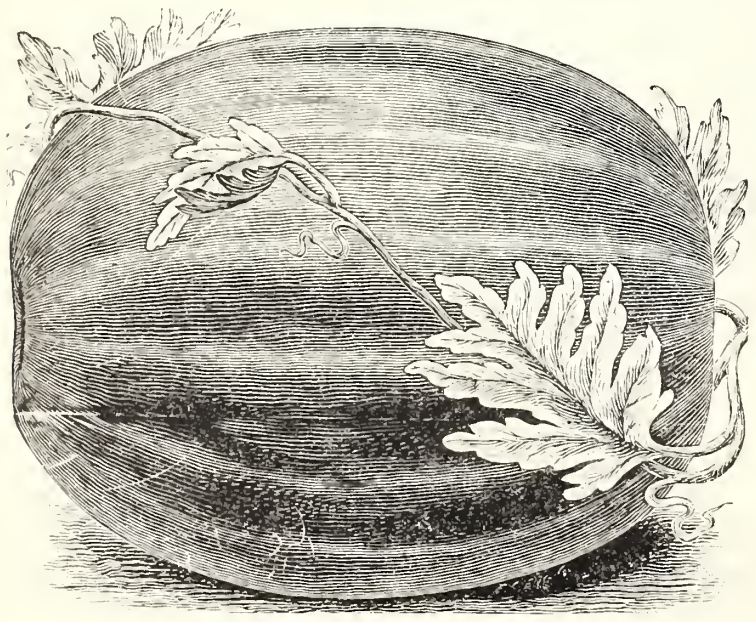
CITRON

Used exclusively for preserving. It is very hard, slightly striped, round in shape. The preserves made from this melon are transparent and of excellent flavor. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.**

Destroys bugs, beetles, green or black flies, caterpillars, lice, worms, etc. **Prepaid, 1 lb., 30c; 5 lb. bag, $1.00; 10 lbs., $1.90. Not prepaid, 5 lbs., 60c; 10 lbs., $1.00; 25 lbs., $2.35; 1 lb. cartons have sifter top.**

CHRISTMAS OR WINTER

A novelty in the line of watermelon. The fruits are medium size, pale yellow when ripe. The flesh is very sweet, bright red in color. This variety is extremely prolific. There is no doubt about its keeping qualities; melons may be taken from the patch or field before frost and stored away in a cool cellar and one may partake of watermelon for their Thanksgiving dinner. **Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; lb., $1.75.**

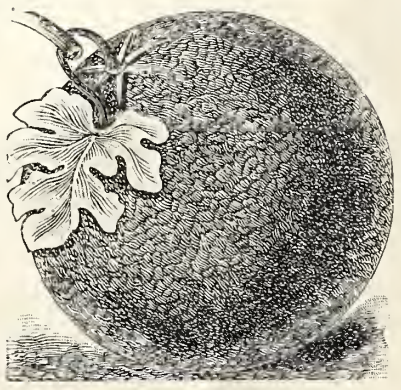


FORDHOOK EARLY

A variety widely used because of its extreme earliness. Slightly oval in shape and excellent quality. The rind is dark green with darker green stripes. A good variety for local markets. Weight 25 lbs. Edible in 85 days. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**

ICE CREAM

A white seeded early variety of excellent quality. The rind is very thin and medium green in color. This sort is very prolific. Not adapted for shipping. Edible in 90 days. Weight 20 to 25 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**



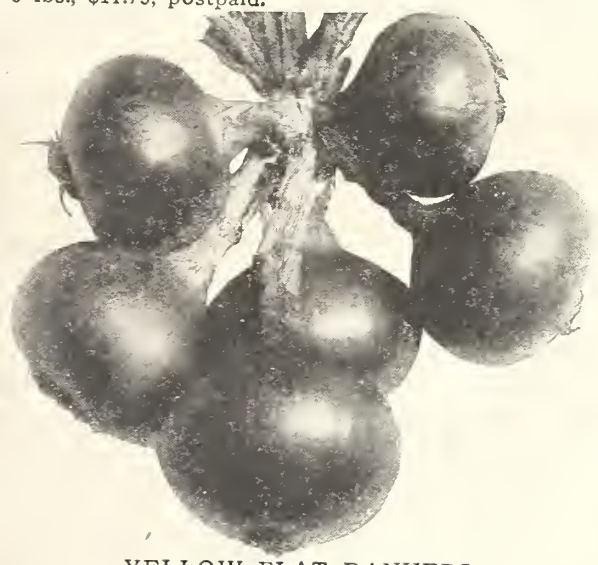
HUNGARIAN HONEY

A very early round variety, excellent in flavor, which cannot be surpassed by any sort. Edible in 87 days. Weight about 15 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**

Onions

SOUTHPORT WHITE GLOBE

A very highly recommended beautiful globe shaped onion. Early, ripens evenly and good keeper. Growers for market find this very profitable as the demand is great due to its sweet flavor. Pkt., 10c; oz., 18c; ¼ lb., 70c; ½ lb., $1.30; lb., $2.50; 5 lbs., $11.75, postpaid.

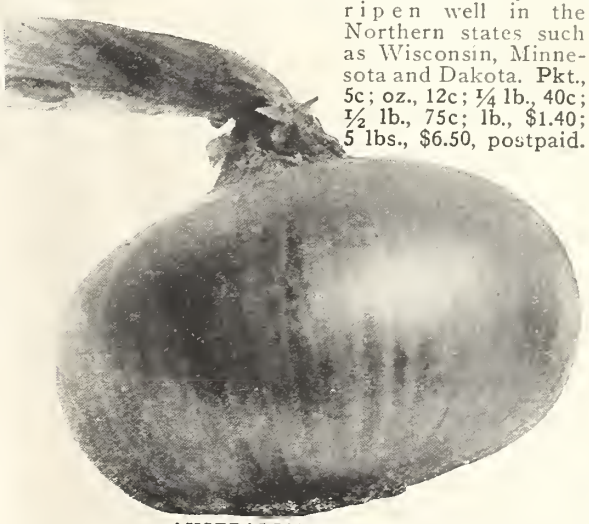


YELLOW FLAT DANVERS

A standard medium size flat variety. The onion is quite thick and has a yellow skin with creamy-white flesh, mild and crisp. A large yielder, ripening very uniformly. Very profitable where the market calls for a flat variety. This strain is also used for producing onion sets. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 75c; lb., $1.40; 5 lbs., $6.50, postpaid.

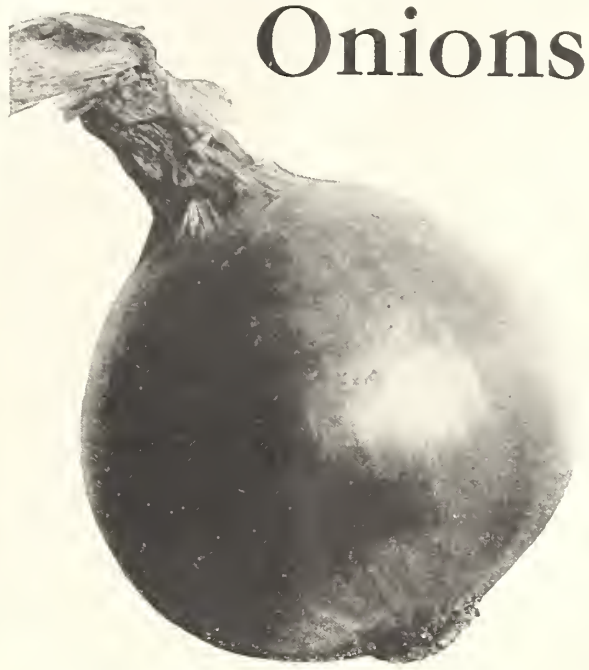
EXTRA EARLY FLAT RED

An extra early sort that can be put upon the market earlier than any other variety. Purplish red flesh very solid and a good keeper. This variety will ripen well in the Northern states such as Wisconsin, Minnesota and Dakota. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 75c; lb., $1.40; 5 lbs., $6.50, postpaid.



AUSTRALIAN BROWN

A flat medium sized sort. The skin is amber brown, white flesh. This variety is early, solid and a heavy yielder. Its keeping qualities are excellent even in the warmer sections of the country. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 75c; lb., $1.40; 5 lbs., $6.50, postpaid.

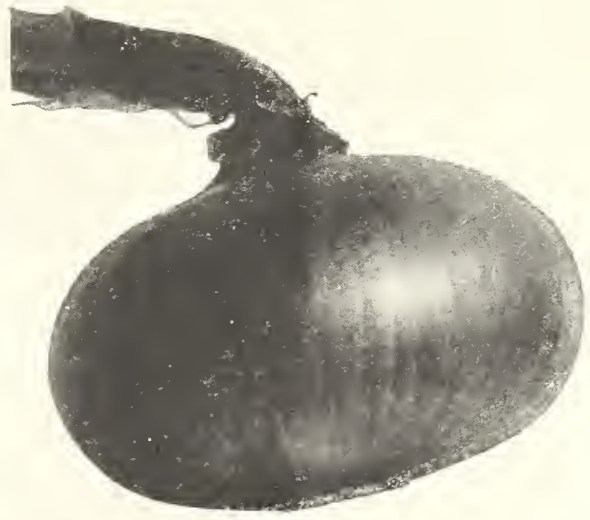


SOUTHPORT YELLOW GLOBE

This strain runs very uniform in size, beautiful ball shaped variety. A very heavy yielder, long keeping yellow variety. Used extensively in the onion growing districts of Indiana and Ohio. Pkt., 5c; oz., 12c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50; 5 lbs., $7.00, postpaid.

CULTURE: 1 oz. of onion seed will plant 100 feet; 5 to 6 lbs. for an acre. For sets plant 40 to 50 lbs. to the acre.

Onions are easily grown, providing the gardener plants them in a rich piece of soil and is willing to do the necessary weeding. Seed should be sown very early in the spring, rows 18 inches apart, and when the seedlings are about 4 inches tall, thin out so the plants stand 3 to 4 inches apart in the rows. The onions should be pulled or dug when the tops begin to dry down.



LARGE RED WETHERSFIELD

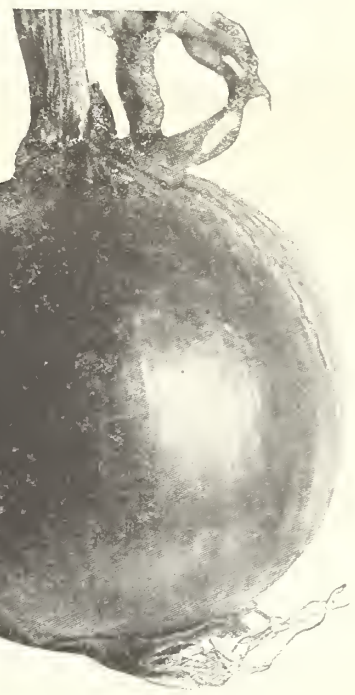
This variety is universally used. Very productive and fine keeper. Grown in large quantities for the markets. The skin is a purplish red with flesh just off of the white toward purple. The bulb is flattened with a comparatively thin neck, fine grained and a fairly mild flavor. This variety seems to do better than any of the others in poor soil. Pkt., 5c; oz., 12c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50; 5 lbs., $7.00, postpaid.

STRASBURG OR FLAT DUTCH

A sort that is a little more flat than the Yellow Danvers. Its flesh is white, mild and fine grained. This variety is extensively used for the growing of onion sets. Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., $1.25; 5 lbs., $6.00, postpaid.

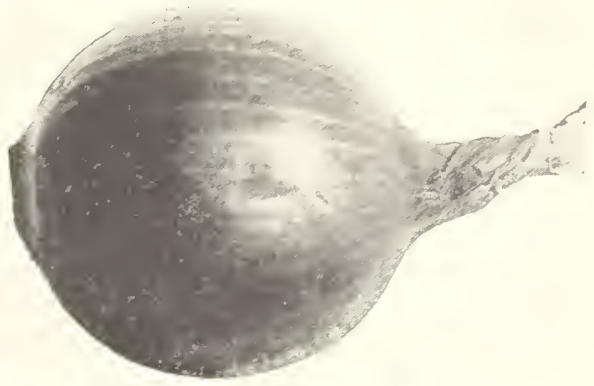
OHIO YELLOW GLOBE

Another variety of the yellow globe type which is used extensively in the onion growing districts. Very uniform shape, good color and fine size. The flesh is solid and mild. This variety is a heavy yielder of uniform growth. Keeping qualities excellent. Pkt., 5c; oz., 12c; ¼ lb., 45c; ½ lb., 85c; lb., $1.60; 5 lbs., $7.50, postpaid.



SOUTHPORT RED GLOBE

This onion is similar in shape to the Southport Yellow Globe. The color is dark red. An exceptionally good keeper, and a heavy yielder. Very popular with the onion growers who produce the red variety. Pkt., 5c; oz., 15c; ¼ lb., 45c; ½ lb., 85c; lb., $1.65; 5 lbs., $7.75, postpaid



YELLOW GLOBE DANVERS

Another very popular variety with the onion growers. It is earlier than Southport Yellow Globe, therefore demanding a little higher market price. Good size, thin neck and its keeping qualities cannot be excelled. Pkt., 5c; oz., 12c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50; 5 lbs., $7.00, postpaid.

SWEET SPANISH

A large globe shaped light yellow onion, with small neck. This variety ripens very evenly. It is very sweet and crisp. In some sections of the country it is earlier than Prizetaker and larger. Being very mild shows plainly it is of the Spanish type which has become so popular the last few years. Pkt., 10c; oz., 25c; ¼ lb., 85c; ½ lb., $1.65; lb., $3.25; 5 lbs., $15.00, postpaid.

AILSA CRAIG

Popular variety with the growers, as it is a real money maker. A beautiful straw colored skin covering a very large bulb that will average close to 2 lbs. A desirable onion to eat raw, as it is mild, sweet and crisp. There is no doubt but what this variety is a real competitor of the Spanish Onions. Pkt., 7c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25; 5 lbs., $10.50, postpaid.

WHITE PORTUGAL, OR SILVER SKIN

This variety is used for the growing of white onion sets, pickles and early bunching green onions. It cannot be surpassed for this all purpose demand. The matured bulb is medium size, flat and when properly cured will keep to about mid-winter. A variety that is sweet and mild in flavor. Pkt., 7c; oz., 18c; ¼ lb., 60c; ½ lb., $1.15; lb., $2.25; 5 lbs., $10.50, postpaid.

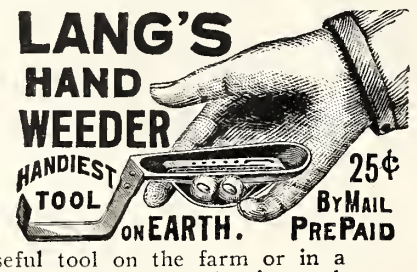
MAMMOTH PRIZE TAKER

For a large onion this sort is quite exceptional. Fine grained, sweet, and if properly ripened and stored it will keep well. This variety is a yellow globe requiring a long season. Used extensively in Texas and some of the Western states. Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., $1.75; 5 lbs., $8.00, postpaid.

EARLY WHITE BERMUDA

Really light yellow or straw in color. This variety is in general use throughout the onion growing district of Texas. The seed we have of this variety comes from the Teneriffe Islands, known as producing the best stocks of this variety. There is no onion that can compare with it in mildness and flavor. Always in great demand and all growers derive great profits from growing this sort. Pkt., 8c; oz., 20c; ¼ lb., 70c; ½ lb., $1.30; lb., $2.50; 5 lbs., $12.00, postpaid.

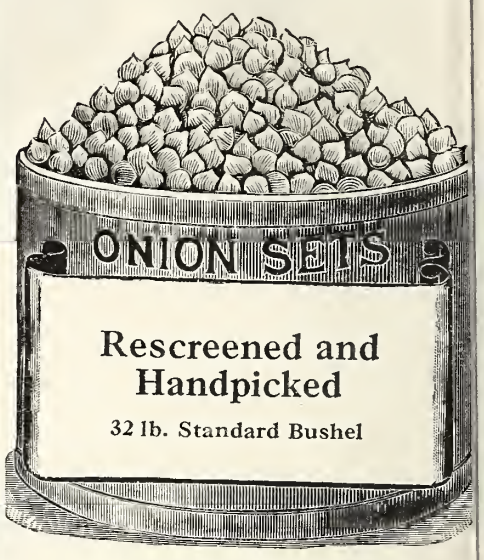
Scuffle Hoe



A very useful tool on the farm or in a garden. A long handle can be inserted. Two edge, draw and push. **Each by mail, 50c.**

Shumway's Onion Sets

Set 10 to 12 Bushel to the Acre



The onion sets we have to offer are all graded, passing through a one-inch screen, making them run about ¾ of an inch in diameter. Our sets are all fanned and picked over before making shipment, so the purchaser receives only solid sets.

Sets that are greater than 1 inch in diameter will throw off a seed stalk making it impossible to produce large onions from that size.

RED—Grown from seed of Red Wethersfield. 1 bu., $2.85; ½ bu., $1.55; ¼ bu., 80c; ⅛ bu., 50c.

YELLOW—Grown from Yellow Flat Danvers. 1 bu., $2.85; ½ bu., $1.55; ¼ bu., 85c; ⅛ bu., 50c.

WHITE—Grown from seed of White Portugal. 1 bu., $3.50; ½ lb., $1.90; ¼ bu., $1.00; ⅛ bu., 55c.

MIXED—Mechanically made by mixing the three varieties together. 1 bu., $2.85; ½ bu., $1.55; ¼ bu., 85c; ⅛ bu., 50c.

Shipped on a basis of 32 lbs. to the standard bushel.

All of the above prices are quoted transportation charges collect.

Prepaid, Red, Yellow or Mixed, 4 qts., 90c; 1 qt., 25c; pint, 15c.

White, 4 qts., $1.00; 1 qt., 30c; pint, 18c.

Shumway's Onion Plants

You can now have onions two weeks earlier by setting onion plants. We recommend them for early bunching or for dry onions to be used early in the season. However, do not use them to grow large onions for all winter storage as they will not keep so well. If you desire onions for this purpose use the seed of the well known sorts such as the Southports, Danvers, or Wethersfield.

The plants are shipped from our growing station and orders are only accepted up to May 1st in lots of hundreds of a variety. For example: 100, 200, 300, etc. We cannot accept orders for 150 or 350, they must be in even hundred lots.

Plant in rows 15 inches apart and 3 to 4 inches apart in the row.

We offer plants of the following varieties only: By mail, postage paid.

Southport White. 100, 40c; 300, $1.00; 500, $1.35; 1,000, $2.25.

Prizetaker. 100, 40c; 300, $1.00; 500, $1.35; 1,000, $2.25.

White Bermuda. 100, 40c; 300, $1.00; 500, $1.35; 1,000, $2.25.

If wanted in larger lots ask for special prices.

NOTICE. Do not expect your plants to arrive with your seed order. They will be shipped in a separate package. No plants shipped to California on account of Quarantine laws which cause delays and damage to plants.

WHITE QUEEN

One of the earliest varieties grown. Small in size when sown rather thickly. Desirable as a pickling variety, also desirable for bunching to supply the early market. Its extreme earliness makes this desirable for supplying the early trade. Pkt., 7c; oz., 20c; ¼ lb., 75c; ½ lb., $1.40; lb., $2.70; 5 lbs., $12.00, postpaid.

WHITE ADRIATIC BARLETTA

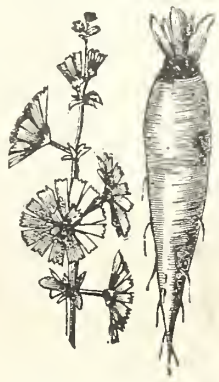
A very early, beautifully white, small, mild variety. Used extensively for pickling. The skin is silvery-white and as thin as tissue paper. Pkt., 7c; oz., 20c; ¼ lb., 75c; ½ lb., $1.40; lb., $2.70; 5 lbs., $12.00, postpaid.

WHITE PEARL OR AETNA

Considered one of the earliest white varieties. The shape is almost round, beautiful in appearance. The skin is thin and the flesh a clear white. Flavor is very mild. Pkt., 7c; oz., 20c; ¼ lb., 75c; ½ lb., $1.40; lb., $2.70; 5 lbs., $12.00, postpaid.

MAMMOTH SILVER KING OR GIANT WHITE GARGANUS ONION

The largest white variety grown. Averaging 15 to 20 inches in circumference and 3 lbs. in weight. The onions are matured early and are flat and thick. Skin pure white. Flesh sweet and mild. An excellent variety for the fancy markets. Pkt., 7c; oz., 20c; ¼ lb., 75c; ½ lb., $1.40; lb., $2.70; 5 lbs., $12.00, postpaid.



CHICORY OR FRENCH ENDIVE

It is easily grown, requiring little care. Sow the seed in the spring and store the roots in sand until wanted for growing in the winter at which time they may be forced and the white celery like stalk cut off and used in salads. The root may also be dried, cut up into small pieces and roasted, using same as a substitute for coffee. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., $1.75.

Connecticut Seed Leaf,	Pkt., 10c; oz., 35c
Havana,	Pkt., 10c; oz., 35c
Broad Leaf,	Pkt., 10c; oz., 40c
Sweet Oronoco,	Pkt., 10c; oz., 35c
White Burley,	Pkt., 10c; oz., 45c
Sumatra, (Imported),	Pkt., 10c; oz., 60c

GARLIC BULBS OR SETS

They have an onion or pungent flavor, making them desirable when used in the flavoring of soups, sausage as well as salad dressings. The set multiplies, which may be divided and grow large bulbs. ¼ lb., 15c; ½ lb., 25c; lb., 45c; 5 lbs., $3.75, postpaid.

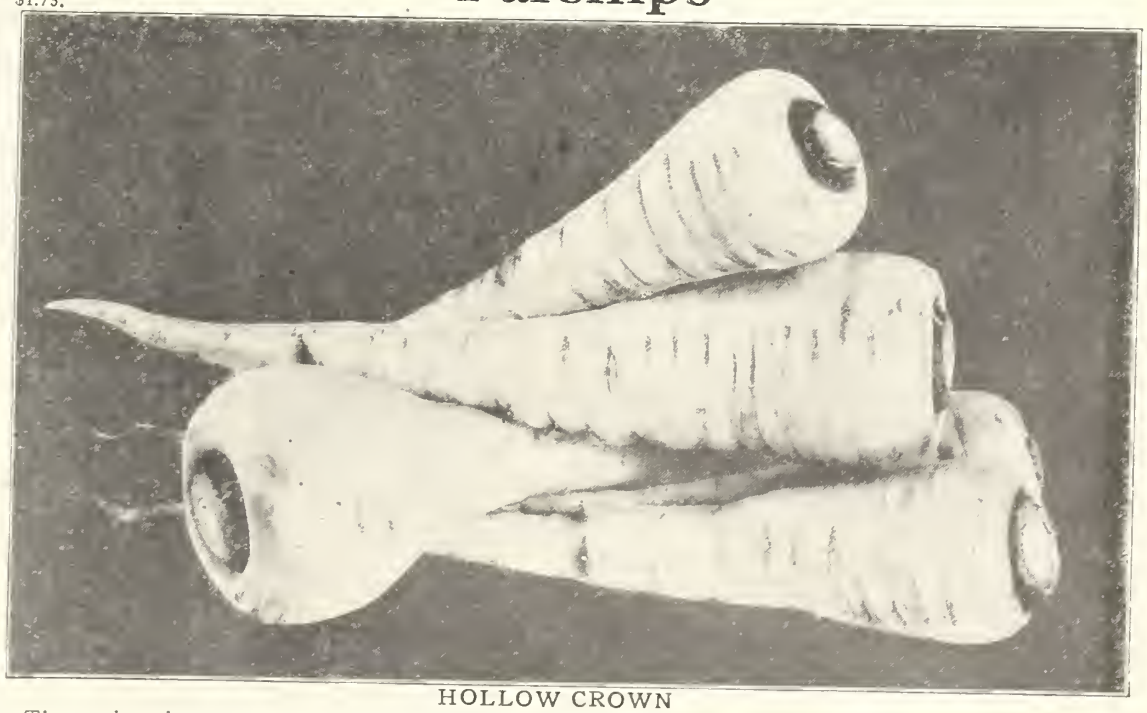
WHITE VELVET OKRA

Large, smooth, superior variety. The young tender pods are cooked in soups, stews, etc. Healthful and delicious. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.

LONG GREEN POD OKRA

The seed pods are used while tender and succulent, in soups and stews. Very nutritious. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.

Parsnips



HOLLOW CROWN

The variety in general use, considered the most productive large variety. The roots grow 10 to 12 inches long and are of excellent flavor. Quality is improved by leaving them in the ground over the winter. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.

LONG SUGAR

A well known standard variety, desirable for home garden or market. Smooth, long, and of excellent flavor. A good variety to store away in the winter. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.50, postpaid.

Peas

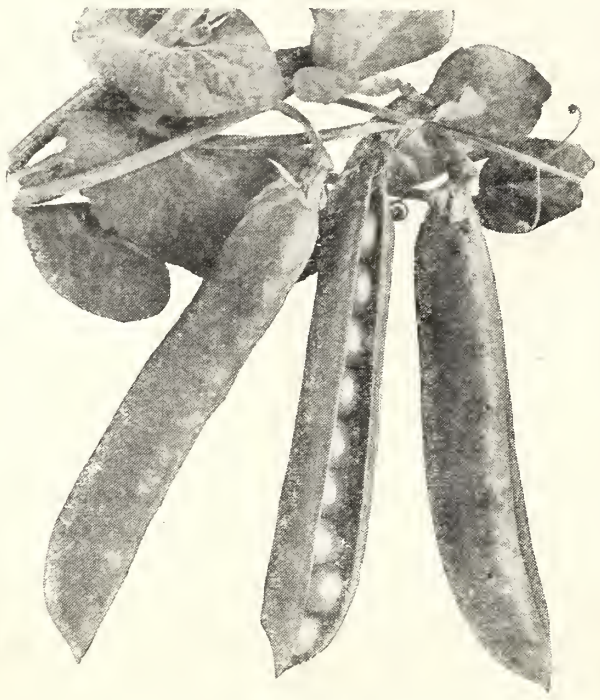
CULTURE: Peas may be sown as early as the middle of March providing the ground is workable. However, the varieties sown at this time should be of the smooth seeded types. Plant in rows 3 to 4 inches deep covering the seed about 2 inches, as they come up cover until the rows are completely filled in. All peas to be at their best should have some kind of support. If brush is not available use poles at each end of rows and interlace with binding twine. ALL VARIETIES OF PEAS SHOULD BE INNOCULATED FOR VIGOROUS GROWTH AND HEAVY BEARING. YOU WILL BE WELL COMPENSATED FOR THIS SLIGHT EXTRA EXPENSE AND EFFORT. USE "NITRAGIN."

HUNDREDFOLD (NEW)

A choice large podded extra early variety which we can recommend for the market gardener and home use. It is ready for table use in 60 to 62 days. As its name implies it bears very prolifically large pods, containing 8 to 9 large tender peas of excellent flavor. The vines grow about 16 to 18 inches tall making it a very desirable variety for the home garden. Hundredfold is an exceptionally fine variety to be grown in the cooler parts of the country as it can be planted every two weeks of the growing season. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.65; postpaid. Not prepaid, 5 lbs., $1.20; 10 lbs., $2.35; 25 lbs., $5.75; 50 lbs., $11.25; 100 lbs., $22.00.

CHAMPION OF ENGLAND

Prized highly by those who are fond of large, tender, luscious peas. Hardy and vigorous in growth, the pods are 3 inches long, blunt, dark green in color, nearly straight. One of the old standbys, remaining very popular. Straw, 48 inches in length. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.35; 50 lbs., $8.50; 100 lbs., $16.50.

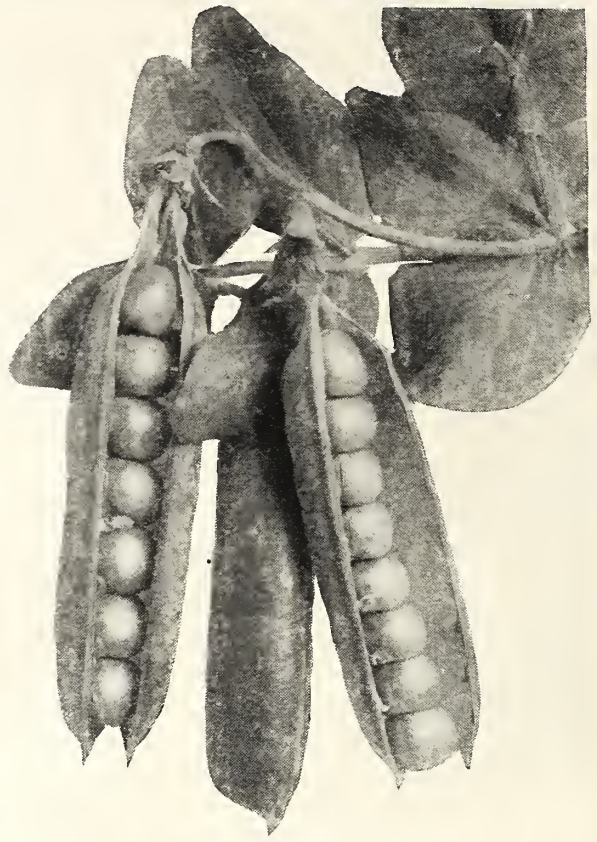


LAXTON'S PROGRESS (NEW)

The newest variety of garden peas of real merit. This also being an extra early variety maturing a few days earlier than Hundredfold or Laxtonian which in the past were the peers of this strain. The vines grow about 15 inches tall very vigorous and producing the largest pods of any extra early variety. The pods will average 4½ inches long containing 8 to 10 deep green large peas of excellent flavor. Although this variety being wrinkled it may be planted almost as early as the smooth pea varieties. ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., $1.80, postpaid. Not prepaid, 5 lbs., $1.35; 10 lbs., $2.60; 25 lbs., $6.25; 50 lbs., $12.00; 100 lbs., $23.50.

THOMAS LAXTON

This variety resembles Gradus in habit, but is hardier, as early and foliage similar. The pod is darker in color and a little shorter, however, they are well filled and very prolific, generally exceeds the Gradus in this respect. Pods 3¼ inches long. This variety is in great demand with the market growers for supplying the fancy markets. Length of straw, 36 inches. ½ lb., 20c; lb., 37c; 2 lbs., 70c, 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.65; 50 lbs., $9.00; 100 lbs., $17.75.



LITTLE MARVEL

The best early dwarf variety. A favorite with the market gardener and excellent for home use. Pods are 3 inches long, heavily set, often producing in pairs, dark green in color, well filled to the ends. Vines are strong and robust, holding the pods well off of the ground. This variety cannot be recommended too highly. Straw 15 inches long. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.55, postpaid. Not prepaid, 5 lbs., $1.10; 10 lbs., $2.00; 25 lbs., $4.85; 50 lbs., $9.50; 100 lbs., $18.50.

Notice

Peas are not listed by the packet, as there would not be sufficient seed in a packet to produce a picking large enough to serve two people

NOTT'S EXCELSIOR

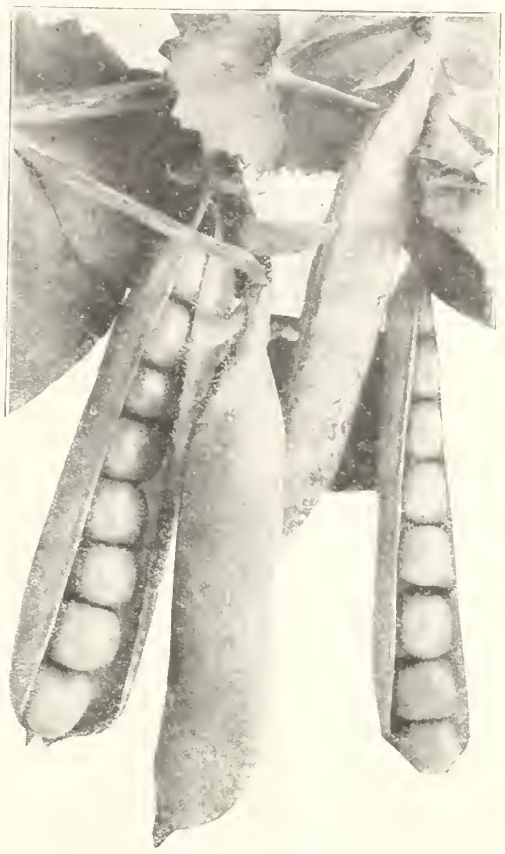
This is one of the best dwarf wrinkled peas in cultivation. Very sweet and prolific. It resembles Premium Gem, but is more uniform in growth and a heavier yielder. The peas seem to be packed tight in the pods which are produced in great abundance on the straw. The pods are light green in color, straight and round, 2½ inches long. This is one of the most popular varieties with the market gardener and an excellent variety for the home garden. Length of straw, 14 inches. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.65; 50 lbs., $9.00; 100 lbs., $17.75.

INOCULATE THIS SEED
NITRAGIN

In ordering specify for Peas. **Inoculator size for 1 bu., $1.00; ½ bu., 60c; ¼ bu., 40c; Garden size, 20c.**

BLISS EVERBEARING

A variety vigorous and branching in habit of growth. The peas are borne very abundantly, and if kept picked the pods will continue to form. Pods 3 inches long, broad and wrinkled. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.35; 50 lbs., $8.50; 100 lbs., $16.50.



PREMIUM GEM

There is no variety of the earlies that is more popular. It is hardy, prolific and uniform in habit and growth. Pods 2½ inches long, well filled in the end, containing peas of fine flavor which are produced about a week later than American Wonders. Straw 18 inches in length. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.85; 25 lbs., $4.50; 50 lbs., $8.75; 100 lbs., $17.00.

McLEAN'S LITTLE GEM

Similar to Premium Gem, but more straggling in growth. This variety has been handed down over a great number of years and still retains its popularity with the market and home gardener. Straw 18 inches in length. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.85; 25 lbs., $4.50; 50 lbs., $8.75; 100 lbs., $17.00.

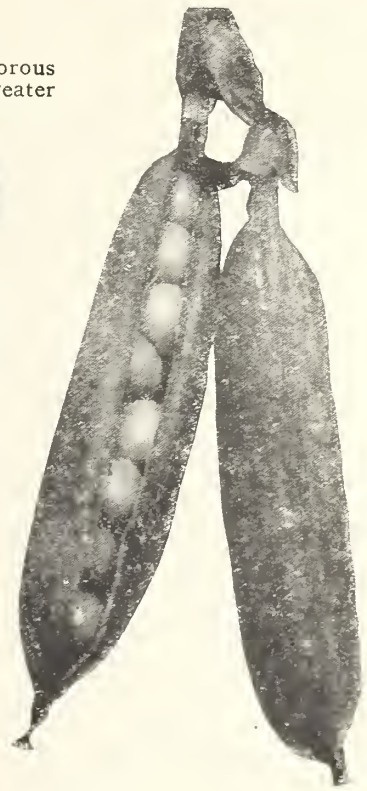
SHUMWAY'S PERFECTION

The most delicious sweet early variety. A sort that will surely please those who wish to be the first on the market with green peas. Straw 18 inches in length. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.35, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., $1.75; 25 lbs., $4.35; 50 lbs., $8.50; 100 lbs., $16.50.

For more vigorous growth and greater yield use

INOCULATE THIS SEED
NITRAGIN

In ordering specify for Peas. Inoculator size for 1 bu., $1.00; ½ bu., 60c; ¼ bu., 40c; Garden size, 20c.

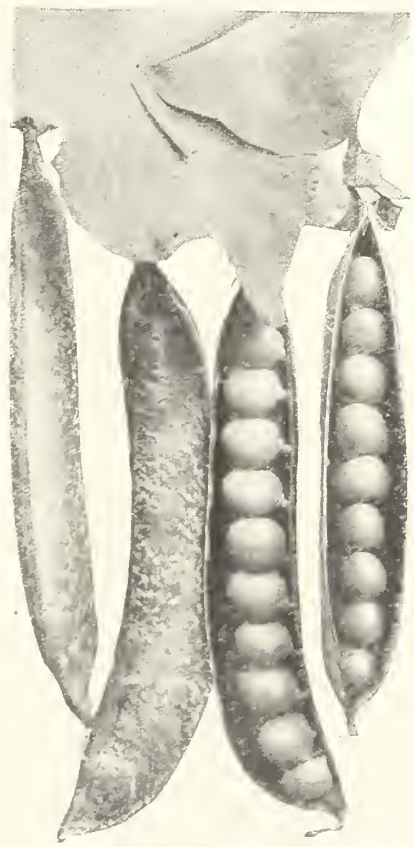


ALASKA

A variety extensively used by the canning factories. It is very early and when properly cared for will bear the peas at one time. The foliage is light green in color, the pods 2½ inches long, round and well filled. The seed is round, with a bluish cast, slightly pitted. This variety keeps well in the basket after being picked, making it a desirable variety for the early market. Height, about 30 inches. ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.30, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.60; 25 lbs., $3.75; 50 lbs., $7.25; 100 lbs., $14.00.

AMEER

Sometimes called Large Podded Alaska. It is similar in growth and appearance, but the pods are longer and the peas larger, about 3 inches long and slightly curved. A good variety for the market gardener as well as the home garden. Straw, 30 inches in length. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.80; 25 lbs., $4.25; 50 lbs., $8.25; 100 lbs., $16.00.



IMPROVED LARGE TELEPHONE

One of the grandest, largest late peas. Vigorous in growth, rich, dark green foliage. Pods, 5 to 5½ inches long, dark green. Extensively used for the select late market trade. An excellent yielder, therefore, profitable. Length of straw, 42 inches. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.65; 50 lbs., $9.00; 100 lbs., $17.75.

LAXTONIAN

This extremely early variety is really a giant of the Dwarf growing peas, remarkable for the small home garden, as it yields abundantly for the small space given to it. Pods 4 inches long and well filled with 8 dark green peas. Excellent flavor. This variety is also used by the market gardeners to supply the fancy markets, as it is the pea of real quality. Length of straw 18 inches. Ready for use 70 days after time of planting. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

AMERICAN WONDER

One of the well known early varieties that has been before the garden public for a great many years. An excellent sort for the home garden as well as market gardeners. It has dark green luxuriant foliage, leaves produced on one side of the stalk. Pods dark green, straight, well filled to the ends, 2½ inches long. Straw 10 inches in length. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.85; 25 lbs., $4.50; 50 lbs., $8.75; 100 lbs., $17.00.

DWARF TELEPHONE OR DAISY

A mid-season variety ripening about a week earlier than Stratagem. The pods are 4 inches long, broad, straight, round at the point, often containing 10 peas. This is remarkable for a dwarf variety. Length of straw, 20 inches. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.65; 50 lbs., $9.00; 100 lbs., $17.75.

GRADUS

This has been one of the leading varieties since its introduction. It is a large wrinkled early sort with pods nearly as large as Telephone. Peas good size, tender and excellent quality and flavor. The foliage is vigorous and luxuriant pale green. Pods four inches long, straight and slightly rounded at the point. An excellent variety for the home garden and market purposes. Length of straw 36 in. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.85; 25 lbs., $4.50; 50 lbs., $8.75; 100 lbs., $17.00.

INOCULATE THIS SEED
NITRAGIN

In ordering specify for Peas. Inoculator size for 1 bu., $1.00; ½ bu., 60c; ¼ bu., 40c; Garden size, 20c.

IMPROVED STRATAGEM

This variety comes into use after the Gems; it is a heavy cropper, very vigorous in habit, pods are 4½ inches in length, large, broad, dark green in color. Peas are of superior quality. An excellent variety for market and home use. Straw 20 inches long. ½ lb., 18c; lb., 34c; 2 lbs., 65c; 5 lbs., $1.40, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., $1.85; 25 lbs., $4.50; 50 lbs., $8.75; 100 lbs., $17.00.

SUTTON'S EXCELSIOR

This is a very popular dwarf wrinkled variety. Vines are somewhat more vigorous than Nott's Excelsior and equally productive. The pods are large, broad and well filled with large peas; heavily set and often produced in pairs, pale green in color. Straw 16 inches in length. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.65; 50 lbs., $9.00; 100 lbs., $17.75.

FIRST & BEST

Productive extra early variety with a vigorous vine light in color and uniform in growth. Pods are straight, 2¾ inches long, round, light in color with blunt ends. A desirable variety for the extra early market. Straw 30 inches in length. ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.30, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.65; 25 lbs., $3.80; 50 lbs., $7.35; 100 lbs., $14.50.

LARGE WHITE MARROWFAT

Hardy, vigorous, bearing prolifically. Pods 3 inches long near the top of the vines. This is one of the older varieties and many people prefer them to the varieties that are sweeter. This sort is also used for sowing with oats for feeding stock ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.30, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.60; 25 lbs., $3.75; 50 lbs., $7.25; 100 lbs., $14.00.

ALDERMAN

A large podded late variety, 4½ to 5 inches long and of excellent quality. The vines are vigorous and produce abundantly. A variety of merit for the market gardener. Length of straw, 45 inches. ½ lb., 20c; lb., 37c; 2 lbs., 70c; 5 lbs., $1.45, postpaid. Not prepaid, 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.65; 50 lbs., $9.00; 100 lbs., $17.75.

HORSFORD MARKET GARDEN

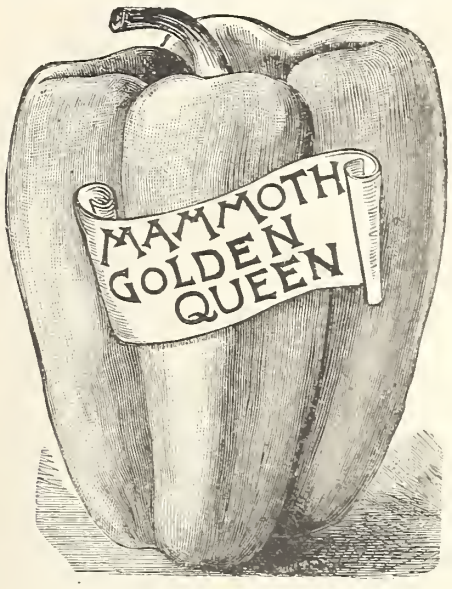
This variety resembles Premium Gem in habit, but is about 10 days later. Producing pods in pairs very prolifically. The foliage is dark green. Pods 2½ inches long, straight and blunt. This sort is very popular with the canners as well as the market gardener. Straw 24 inches in length. ½ lb., 17c; lb., 32c; 2 lbs., 60c; 5 lbs., $1.30, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., $1.65; 25 lbs., $3.80; 50 lbs., $7.35; 100 lbs., $14.50.

MELTING SUGAR

A large late sugar pod pea. The pods are edible and snap the same as beans without any strings. Extremely sweet, rich and tender, should be used while pods are small. ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., $1.60, postpaid. Not prepaid, 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00.

Peppers

This vegetable should be handled the same as Egg Plant and Tomato, starting them indoors. They are easily grown, thriving in cold weather and will stand light late frosts. Transplant into the open ground about May 15th setting them 10 to 20 inches apart in the rows. The sweet varieties are favored by many for salads and also used when stuffed with chopped or force meat and baked, they are very delicious when used in this manner. The hot or pungent varieties such as Cayenne, Chili, and Celestial are used to flavor sauces and pickles.



MAMMOTH GOLDEN QUEEN

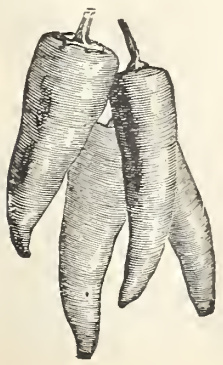
A novelty in the pepper family. Very large, bright, waxy golden yellow. Very mild, making them a delightful addition to salads. Pkt., 10c; oz., 40c; ¼ lb., $1.75; ½ lb., $3.35.

MOUNTAIN SWEET

A very popular pepper for salads and pickles. A glossy red thick flesh and is not pungent. This variety meets with ready sale wherever offered. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., $1.75.

SMALL RED CHILI

Beautiful red pods about 2 inches long. They are very hot, desirable in the making of pepper sauce or pickles. Pkt., 10c; oz., 35c; ¼ lb., $1.00.



LONG RED CAYENNE

A well known, pungent, very sharp variety. Used in pickles and pepper sauce, also desirable for feeding birds. Pkt., 10c; oz., 35c; ¼ lb., $1.00.

HARRIS EARLY GIANT

A new variety which is readily sought for on all markets. Early, beautiful red, extremely tender variety. Really a peer in the pepper family. Very desirable in size and for the preparing of all pepper delicacies. Should be planted by all who desire peppers in their garden. Pkt., 15c; oz., 60c; ¼ lb., $2.00; ½ lb., $3.75.

RUBY KING

Very large ruby red variety. Flesh thick, crisp and tender. Very prolific. Pkt., 10c; oz., 30c; ¼ lb., $1.00; ½ lb., $1.85.

CELESTIAL

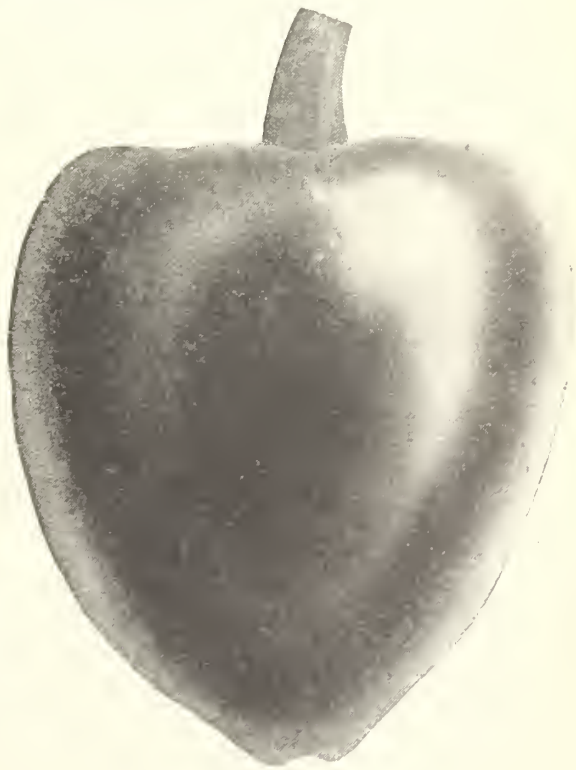
This is a sharp, pungent, useful variety which bears fruit the whole season. This is a valuable ornament for the flower garden as fruit appears in all stages at one time. Desirable for pickles or pepper sauce. Pkt., 10c; oz., 40c.

CHINESE GIANT

This variety is correctly named as it produces fruit of an enormous size. Very prolific. The flesh is thick, tender and sweet. Very desirable for salads or to be stuffed and baked. This is the choice late variety. Pkt., 12c; oz., 55c; ¼ lb., $1.85; ½ lb., $3.50.

BULLNOSE OR LARGE BELL

Large, extremely prolific mild variety. The skin is bright glossy red, flesh very thick. They sell readily on the markets, being a favorite pickling as well as salad variety. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., $1.75.



PIMENTO

This is the sweetest pepper grown; no trace of sharpness. The peppers are medium size and are grown abundantly on a well formed bush. An excellent variety to be used in salad or for baked stuffed peppers. Pkt., 10c; oz., 35c; ¼ lb., $1.00; ½ lb., $1.85.

Pumpkins

LARGE YELLOW CONNECTICUT FIELD

The old, well known, standard eastern sort for stock feeding. Can be grown anywhere. Very good for pies and sells well in market. ¼ lb., 20c; ½ lb., 35c; lb., 60c; 3 lbs., $1.60, postage paid. By express, charges collect, 3 lbs., $1.35; 5 lbs., $2.25.

KENTUCKY FIELD

A fine grain, large sort and does well amongst corn. Very sweet and fine for pies or canning, and very rich food for stock. Heavy yielder. Oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 3 lbs., $1.60, postpaid. By express, charges collect, 3 lbs., $1.35; 5 lbs., $2.25.

MAMMOTH JUMBO OR POT IRON

This sort is generally used for stock feeding and for exhibition purposes. They are a bright lemon in color, mottled with orange; round with a trace of ribs. The flesh is very hard and firm. Matures in 120 days. Average weight, 60 lbs. Pkt., 8c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., $1.50.

TENNESSEE SWEET POTATO

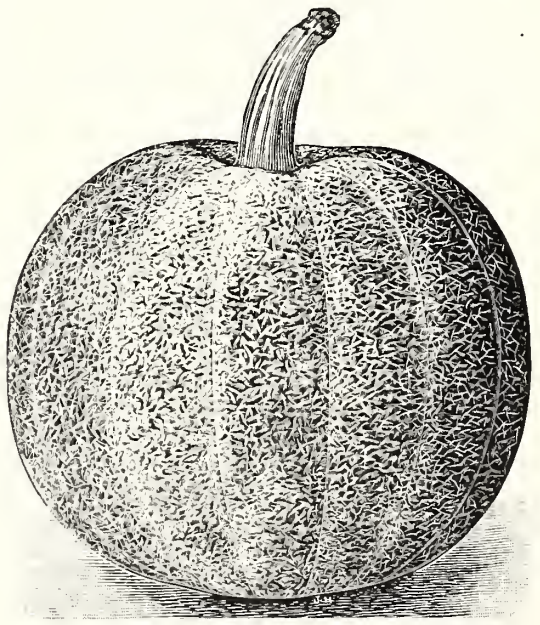
The fruit of this variety are pear or bell shaped. Medium size, white skin, slightly mottled with green strings. Average weight about 15 lbs. The flesh is creamy white, thick and sweet. It rivals the sweet potato in flavor, generally liked. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., $1.00.

LARGE CHEESE

Similar to a cheese box in appearance. They are very flat, cream colored and slightly ribbed. Keeping qualities excellent. This is one of the older varieties which is still very popular. Very prolific and disease resistant. Matures in 110 days. Weight, 10 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

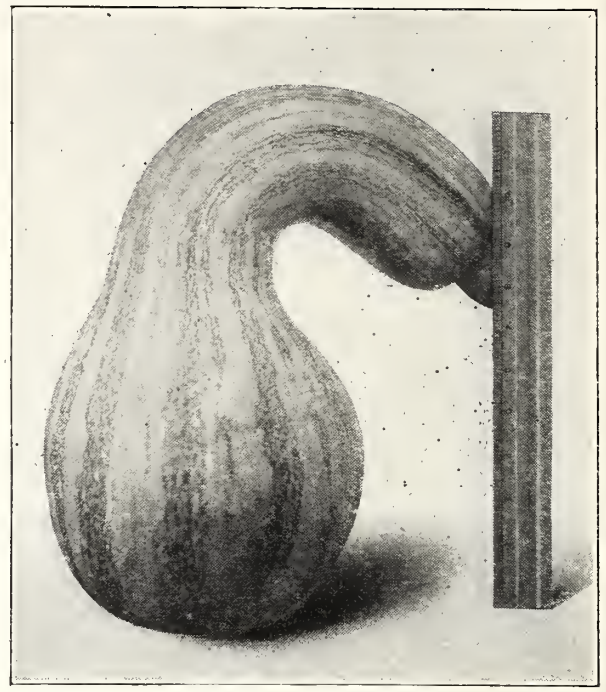
SUGAR

This is also called Boston Pie and Sugar Pie. Without a doubt this is the best pumpkin for general use. It is late, very prolific, thick, sweet flesh. They are round and flat on the ends. Deep orange in color. It will store exceptionally well. Used largely for canning but more for home and market gardens. Matures in 120 days. Weight, 6 to 7 lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



WINTER LUXURY OR QUEEN

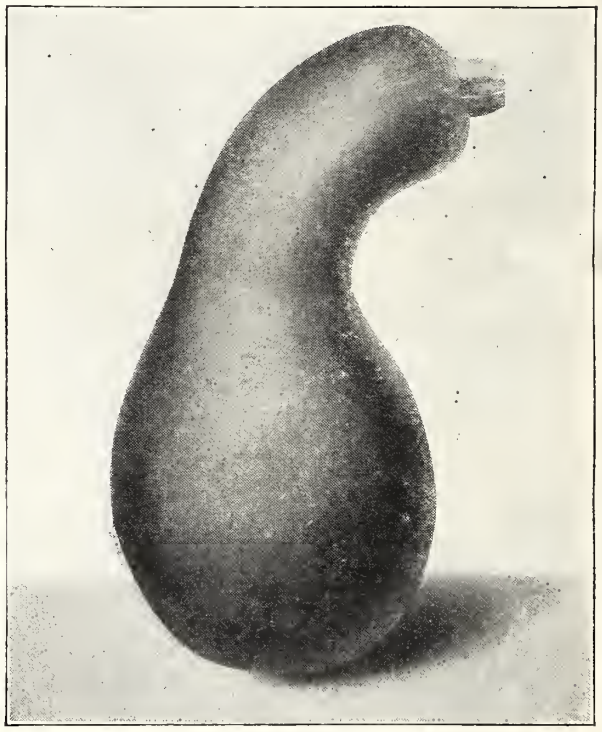
This is similar in size to the Sugar Pumpkin, but is covered with a fine netting. It is one of the sweetest and most prolific varieties. The color when ripe is a light orange. Average weight, 7 lbs. Matures in 100 days. A very desirable variety for pies. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



CUSHAW PUMPKIN

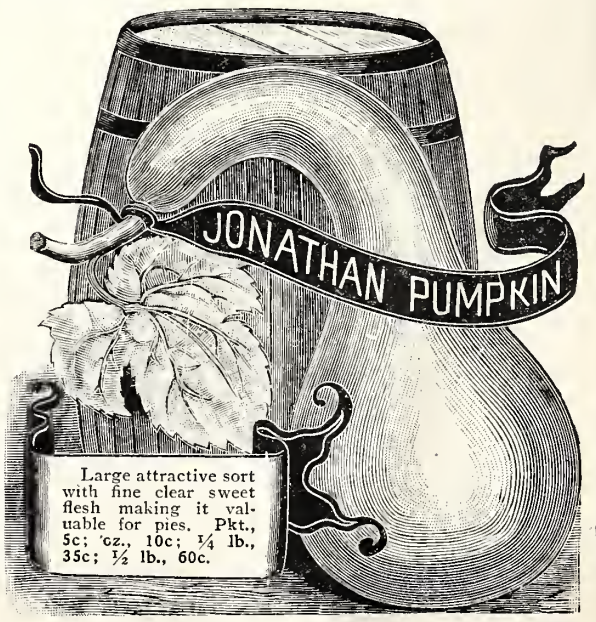
A Crook-Necked Variety of Pumpkin

The rind is white mottled with irregular green stripes. Comparatively early and very prolific. Largely used for feeding stock. Average weight, 12 lbs. Matures in 120 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



JAPANESE PIE

This is similar in shape to the Cushaw. Crook-necked, the skin is dark green. The seeds are large, showing a polish with markings similar to Chinese Letters. This is an early popular variety both for pies and for feeding stock. Matures in 115 days. Weight 10 to 12 lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 60c; lb.. $1.00.



Radish

Sow as early as the ground can be worked, particularly the Round Red and Olive shaped varieties. After the first of May sow the long varieties. After the first of June sow the larger varieties such as Strasburg and Stuttgart. All winter varieties should not be sown until the 15th of July. Do not make the mistake of sowing your Radish too thick as they should stand at least ½ inch apart in the row. The larger varieties naturally require more space.

VICK'S SCARLET GLOBE

This variety is recommended highly for its earliness. Excellent forcing quality and certainly one of the popular varieties for the open ground. Produces radishes scarlet in color, crisp and tender, in about 25 days. This sort seems to be able to stand the heat in dry weather without becoming pithy or strong. Foliage is small, making it a desirable variety for the market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.

FRENCH BREAKFAST

One of the well known varieties which is very popular for outdoor as well as growth under glass. Beautiful scarlet in color, with a white tip which lends to its appearance when bunched. Its quality is excellent, meeting practically all the demands placed upon it. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.

SCARLET OLIVE

An early olive-shaped variety of excellent quality. Beautiful and attractive in appearance. This variety is a good seller on the markets and very desirable in the home garden. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.

SHUMWAY'S WHITE TIPPED SCARLET BEAUTY

This variety is ready for table use three weeks after sowing the seed. They are desirable in size, uniform in shape with short tops. An exceptional variety for market gardeners and for the backyard gardens. Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., 75c; lb., $1.40; 5 lbs., $6.00, postpaid.

BRIGHTEST LONG SCARLET

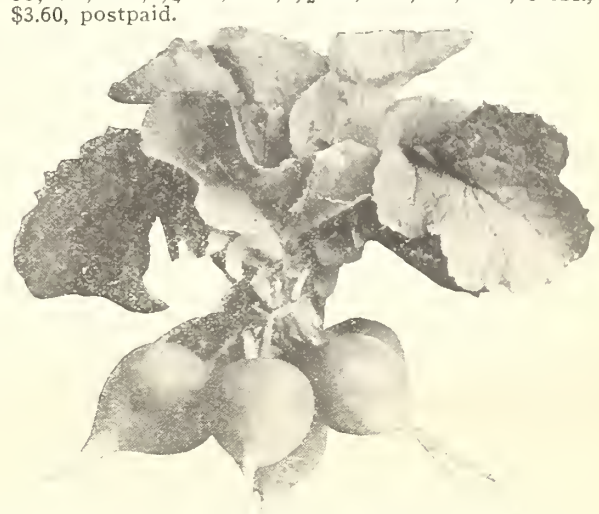
A desirable variety for home garden. The radish is a bright scarlet color, which blends to a pure white at the tip. This variety is usually ready for use in 25 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.

LONG SCARLET SHORT TOP

The name practically tells the story of this variety. It is a very crisp, clean appearing radish, making it desirable for the market as well as home gardens. Very fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.35, postpaid.

ROSY GEM

This strain has come into popularity very rapidly. Beautiful red with a white tip. An excellent variety for bunching, as the quality is excellent and the tops are short. This variety cannot be recommended too highly. Market gardeners buy this in great quantities and make weekly plantings. It produces quickly, radishes of superior quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.



CARMINE GLOBE

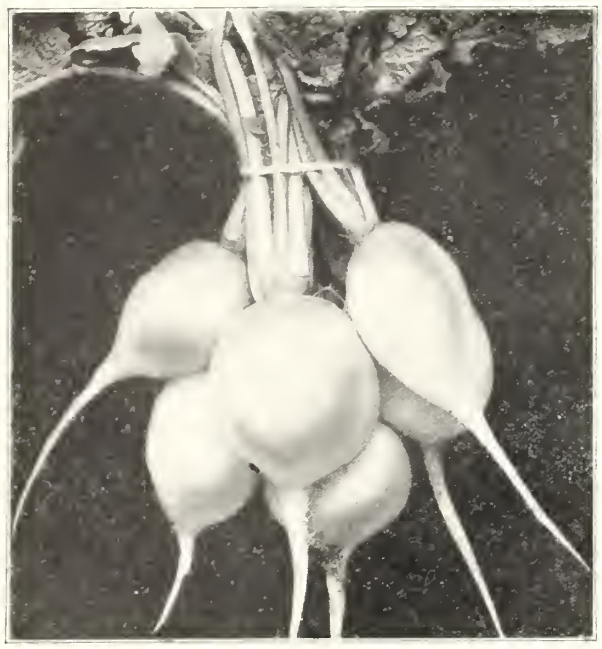
A new dazzling red variety that is ready for use ahead of many of the other sorts. As a forcing variety it cannot be excelled and remarkable as a producer in the open ground. Tender, sweet and crisp, which are the desirable points of a radish. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.

CRIMSON GIANT

An all purpose variety. About twice the size of other sorts, but does not become pithy or strong. The flesh is a crystal white, tender, crisp and sweet. This variety makes a beautiful appearance when bunched and ready for market. Pkt., 5c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $3.90, postpaid.

WHITE TIPPED SCARLET TURNIP

Selected stock. This variety without a doubt is one of the best market gardeners' sorts. Turnip shaped, bright scarlet in color with a white tip. Beautiful in appearance, pleasing to the taste. A combination that always makes this strain meet with ready sale. One of the finest for the market gardeners. Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.

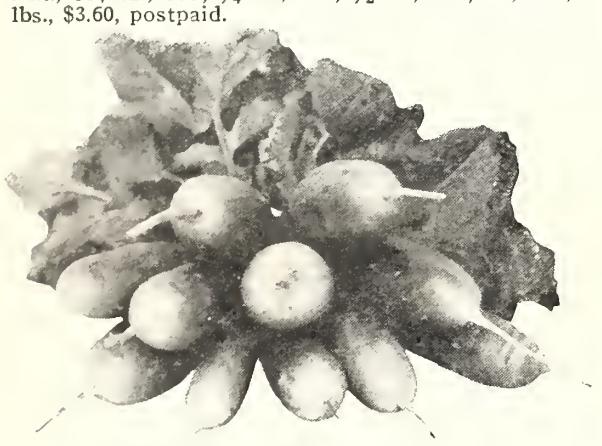


WHITE TURNIP OR BOX

The purest white round radish on the market. All of the fine qua'ities of the other varieties and makes a beautiful appearance when bunched with the scarlet sorts. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.**

GIANT WHITE STUTTGART

A very large summer variety. Very slow to become pithy as it is able to withstand the heat. Recommended for market as well as home garden. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.**



WHITE TIPPED OLIVE

A variety that had its origin in France. One of the earliest and of exceptional quality. It is crisp and tender, beautiful scarlet in color. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.**

ICICLE

The ideal white variety which remains crisp and mild until too large for bunching. It matures early with a short top, making it a very desirable bunching variety. For a succession, a planting should be made every week. **Pkt., 6c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; lb., 85c; 5 lbs., $3.75, postpaid.**

WHITE VIENNA OR LADY FINGER RADISH

An ivory white, brittle, early, beautiful shaped long radish. Cannot be excelled for the market gardener or the home garden. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.**

SHUMWAY'S GOLDEN GLOBE

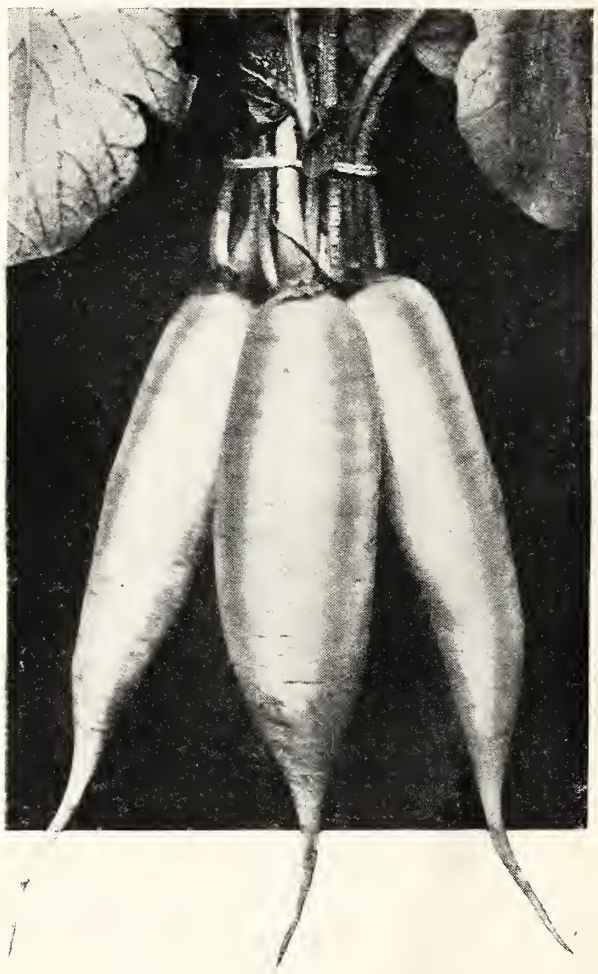
A large, crisp, golden yellow variety which stands the heat the best of any of the strains. It grows rapidly and when not too large is very sweet and tender. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.**

EARLY SCARLET TURNIP

This is a well known, very early variety of exceptional quality. Beautiful scarlet in color. Short top which makes it a desirable variety for the market gardener and in the home garden where space is scarce. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c; 5 lbs., $3.25, postpaid.**

SHUMWAY'S MARKET OR CHARTIER

A long beautiful red variety, tips shade to snow-white. Quality is excellent and meets with ready sale where the market requires a long radish. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.**



LONG WHITE STRASBURG

The flesh of this variety is snow-white, tender and not sharp. Grows quickly and crisp. Ready for the market at any stage of growth. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.**

NON PLUS ULTRA

An extra early, bright red forcing variety as well as a desirable strain for outdoor planting. The flesh is a crystal white, crisp and juicy, of extra good quality. For those who produce radishes under glass this variety cannot be excelled. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c; 5 lbs., $3.60, postpaid.

EARLY ERFURT OR RAPID FORCING

This variety is called under many names, such as "20 Day," "Fireball," etc. One of the best all purpose varieties grown. It being extra early, the demand for it in the gardening trade is great. It is a dazzling red in color. Crisp, tender, and mild in flavor. Very solid and slow to become pithy. Pkt., 5c; oz., 10c; ¼ lb., 23c; ½ lb., 40c; lb., 75c; 5 lbs., $3.00, postpaid.

Winter Varieties

Not to be sown until June 15th or after

JAPANESE WINTER

A stump root variety that grows to considerable size. Very solid ivory white in color. When stored in sand will keep well into the winter. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

MAMMOTH WHITE

Sometimes called California Mammoth Winter. This grows to an enormous size, often over a foot long. It is pure white, solid and brittle. Can be sown in July. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

CHINA ROSE

A bright rose color winter variety. Sow the seed the latter part of June to the last of July. Roots may be stored away for winter use. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

MAMMOTH WHITE CHINESE STUMP ROOT

This valuable variety can be used at all seasons of the year and be kept the same as the winter variety. This has all the desirable qualities that can be expected of a radish. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

LONG BLACK SPANISH

This variety is a dark purple in color, almost black. This sort keeps exceptionally well when stored for winter use. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

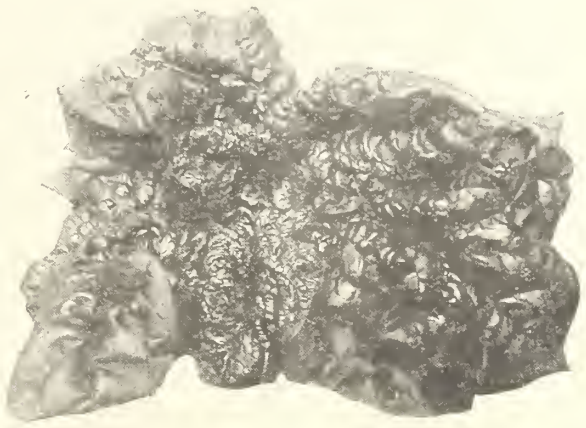
Spinach

Culture

This excellent vegetable used for greens does the best in cool moist weather, therefore the seed should be sown as early as possible in the spring, planting 1 inch deep in rows about a foot apart, thinning out as growth continues so they stand 4 to 5 inches apart in the rows. When warm weather comes on it will bolt to seed quite quickly.

King of Denmark, and Princess Juliana are the slowest to seed of any. New Zealand is the variety from which the tender shoots are picked off and a small patch provides greens all summer long. It is well to start a planting of Spinach the last of August and this planting will afford delightful vegetables again in the fall.

Spinach has been found very beneficial through scientific research work as it possesses a great vitamine content. The medical profession advises its use in the feeding of babies according to their directions.



BLOOMSDALE SAVOY

This is a very desirable variety, as the leaves are decidedly crumpled, very fleshy, allowing it to lie in hampers rather lightly. Very early and of fine quality. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., $2.00; 10 lbs., $3.75, postage paid.

VICTORIA OR PERFECTION

This variety is rather slow to go to seed. It is of the Savoy type, broad, crumpled, dark green, leaves of superior quality. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., $2.00; 10 lbs., $3.75, postpaid.

ROUND LEAF

A splendid variety desirable for home or market. Leaves are quite crumpled, brittle and tender. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., $2.00; 10 lbs., $3.75, postpaid.

PRICKLY-SEEDED

A very hardy variety, particularly adapted to late planting. Sow in August or first part of September for fall use. Can be planted in the fall, last part of October or first of November, and allowed to remain in the ground over winter, germinating in the spring and producing early. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., $2.00; 10 lbs., $3.75, postpaid.

NEW ZEALAND

This is commonly called spinach, but in reality it is not. However, it is carried in this classification, as it supplies greens throughout the summer. It grows in bush form an abundance of stalks and leaves that are fleshy and brittle. The seed should not be sown until it has been soaked in warm water over night. Then sow in the open ground after May 1st or when the soil is fairly warm. The seed will not germinate in cold soil. Thin the plants in the row to stand about 18 inches to 2 feet apart, so as to allow sufficient room for growth. Pkt., 7c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

KING OF DENMARK OR ANTVORSKOV

Without exception this is one of the finest varieties grown. It is practically as early as any of the other varieties but is very slow going to seed, which makes it an exceptionally fine sort for the shipper and market gardener. The leaves are large, slightly crumpled, dark green in color. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.60; 10 lbs., $4.75, postpaid.

PRINCESS JULIANA

A selection made from King of Denmark. Equal in quality in every respect, but still a variety that is very late in throwing off the seed stalk. Spinach has both male and female plants, the male throws the seed first, therefore in selecting the strain the male plants were eliminated, resulting in a strain that is particularly adapted for shippers. We highly recommend this Spinach. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.60; 10 lbs., $4.75, postpaid.

MONSTROUS VIROFLAY

A quick growing variety used extensively by the gardeners in the East. A profuse yielder of large leaves. A desirable variety for either spring or fall planting. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., $2.00; 10 lbs., $3.75, postpaid.

LONG STANDING

A variety very compact in growth, bearing thick, dark green leaves. Slow to throw off the seed stalk. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.60; 10 lbs., $4.75, postpaid.

Squash

1 oz. of seed for 20 to 25 hills and 3 to 5 lbs. to the acre.

Before going into the method of handling Squash it is well to call the attention to the fact that Scientists are now aware of the fact that vitamines appear in considerable quantity in Squash. They should be fed to children who are backward in physical development.

CULTURE: Squash should be planted about the same time one plants corn. Squash also are heavy feeders, therefore it would be well to plant them in heavy manured hills. The summer sorts in hills 4 to 5 feet apart each way, the winter varieties 10 to 12 feet apart each way dropping 10 to 12 seeds in a hill and thinning out after the danger of the insects is past. Use "SLUG SHOT" to repel the Squash beetle as well as the Yellow Striped beetle.

CHICAGO WARTED HUBBARD

Slightly larger than Improved Hubbard and thickly covered with warts. Color is bronze green, very attractive. Flesh thick and golden in color. An excellent winter squash. Will average about 2 lbs., heavier than the Improved Hubbard. Edible in 120 days. Size, 14x9. Weight, 15 lbs. **Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**

TRUE HUBBARD SQUASH

The most popular of the winter varieties. They are pointed at both ends, moderately warted. Deep green in color, flesh is dry, thick, and sweet. Average weight about 12 lbs. Edible in 120 days. Size 9x12 inches. Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.

DELICIOUS

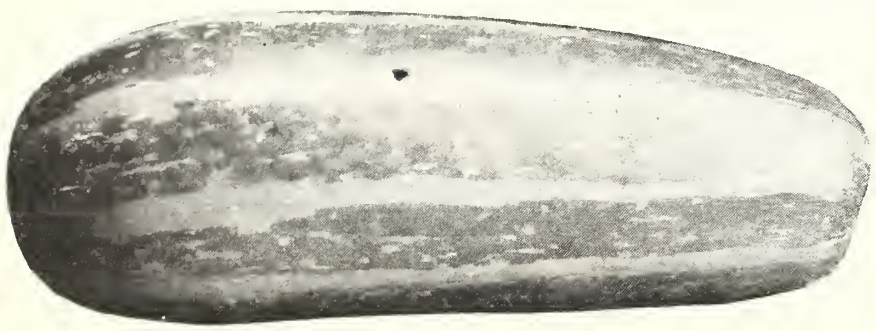
The winter squash of quality. The fruit of this variety varies in size averaging about 8 lbs. Top shaped. The rind is thin and even green. The flesh is very thick and dark orange in color. It has excellent keeping qualities. The name rightfully describes this variety. **Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25, 5 lbs., $5.50, postpaid.**

BLUE HUBBARD

A strain developed in the New England states, quality excellent. Very attractive in appearance on account of the color, which is blue. This Hubbard also is a good keeper. Edible in 120 days. Size 9x4 inches. Average weight 12 lbs. **Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**

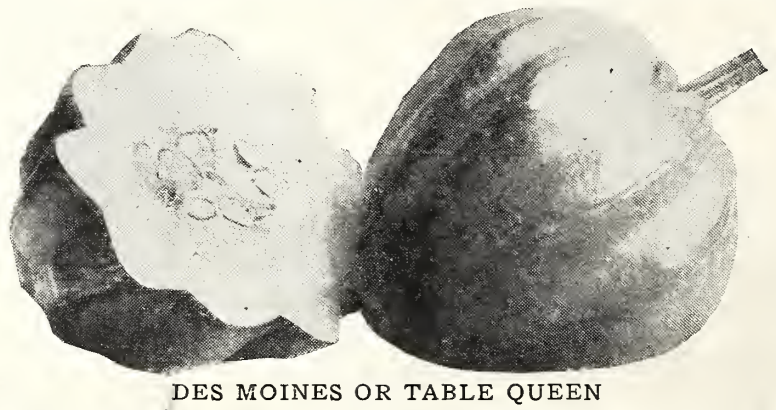
FORDHOOK

A bright yellow winter variety. The flesh is dry and sweet. Very rapid in growth. Prolific and excellent keeper. Practically in good condition all through the winter. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., $1.00; 5 lbs., $4.50, postpaid.**



COCOZELLE. Also called Italian Marrow

Long, cylindrical in shape, tapering slightly to the stem end. A summer variety used when immature. The skin is dark green, changing to stripes of green and gold as it ripens. Very productive. 12 to 16 inches long. 5 to 6 inches in diameter. Edible in 60 days. Weight, about 4 lbs. **Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**



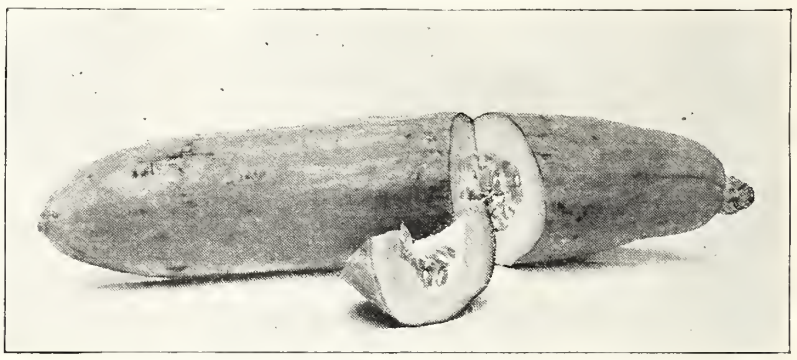
DES MOINES OR TABLE QUEEN

Without a doubt the finest flavored small squash for baking, known. It is the ideal size to cut in half and prepare for the table. Size 6 to 7 inches long and 4 to 5 inches in diameter, being produced very prolifically on a running vine. This variety is ready for use before the Hubbard, and can be stored away and kept equally as well. Flesh is bright golden in color, dry and mealy. **Pkt., 10c; oz., 18c; ¼ lb., 50c; ½ lb., 90c; lb., $1.75.** Crop short.

Giant Summer Crookneck

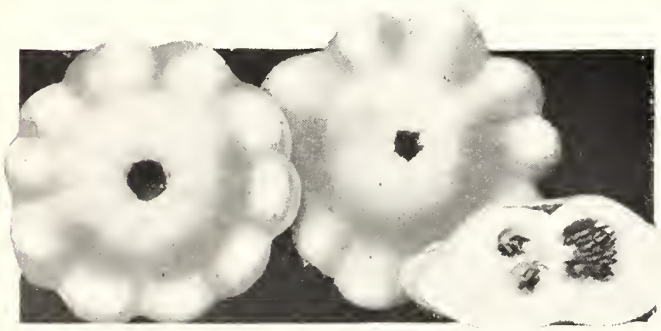
GIANT SUMMER CROOKNECK

A variety in general use. Its size, shape and color are admirable. A beautiful golden yellow, covered with fine warts. The vines are rather bushy, therefore will allow comparatively close planting. This variety generally grown by market gardeners. Edible in 55 days. Size 14x4. Weight, 4 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; lb., $1.10; 5 lbs., $5.00, postpaid.**



SHUMWAY'S MEXICAN BANANA SQUASH

Introduced from Mexico by R. H. Shumway a great many years ago. A long type of winter squash. The rind is a slate gray in color, flesh very thick, golden, vying with the sweet potato in flavor. Length, 24 inches by 5 or 6 in diameter. Keeps well into the winter. Edible in 120 days. **Pkt., 7c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**

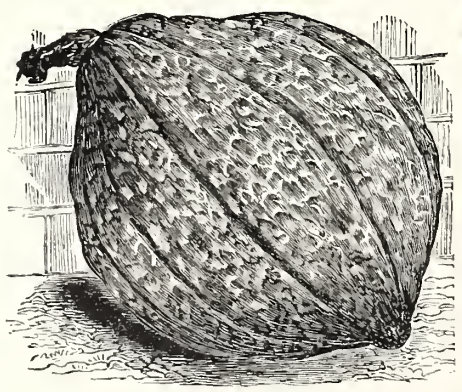


MAMMOTH WHITE BUSH SCALLOP

The fruits are of fair size, quite flat, with scalloped edges. Very prolific, disease resistant. The fruits are 8 inches in diameter and 3 inches thick. Edible in 55 days. Weight 2½ lbs. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $4.00, postpaid.**

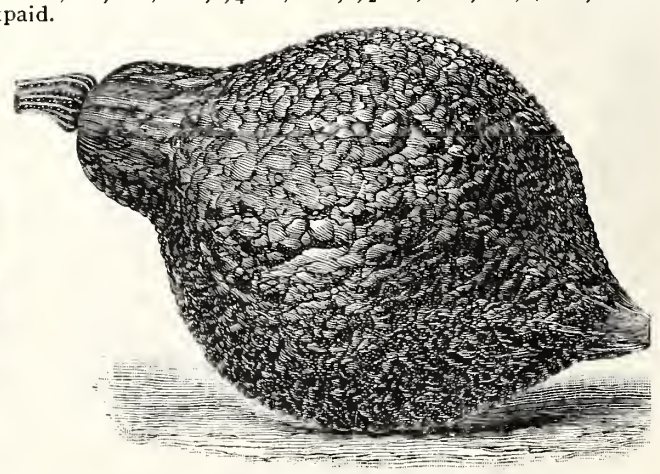
GOLDEN CUSTARD

This strain is similar in all respects to the Mammoth White Bush Scallop, except for its color. This sort, golden yellow. Very prolific. Edible in 55 days. Size 14x4. Average weight 5 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $4.00, postpaid.**



ORANGE MARROW

The rind of this variety is orange red in color, similar in shape to the Hubbards. It is early, extremely prolific, flesh rich, sweet, and dry. Fruit weighs about 7 lbs. Edible in 100 days. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $4.00, postpaid.**



GOLDEN HUBBARD

A little smaller than the Improved Hubbard. Rind is a golden yellow and warted. This is the earliest of the Hubbard strain, and more prolific. This sort is a favorite with the canners and is an excellent winter squash. Fruits average about 8 lbs. Size 8x11 inches. Edible in 110 days. **Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., $1.25; 5 lbs., $5.50, postpaid.**

Tomato

STONE

Bright red smooth main crop variety. Ripens evenly to the stem, no hard core. Excellent canning and market variety. Pkt., 6c; oz., 25c; ¼ lb., 70c; ½ lb., $1.30; lb., $2.40.

DWARF STONE

This is the largest of the Dwarf tomatoes. Fruit is red, ripens evenly, solid, free from cracks. Pkt., 8c; oz., 30c; ¼ lb., 90c; ½ lb., $1.70; lb., $3.25.

JOHN BAER

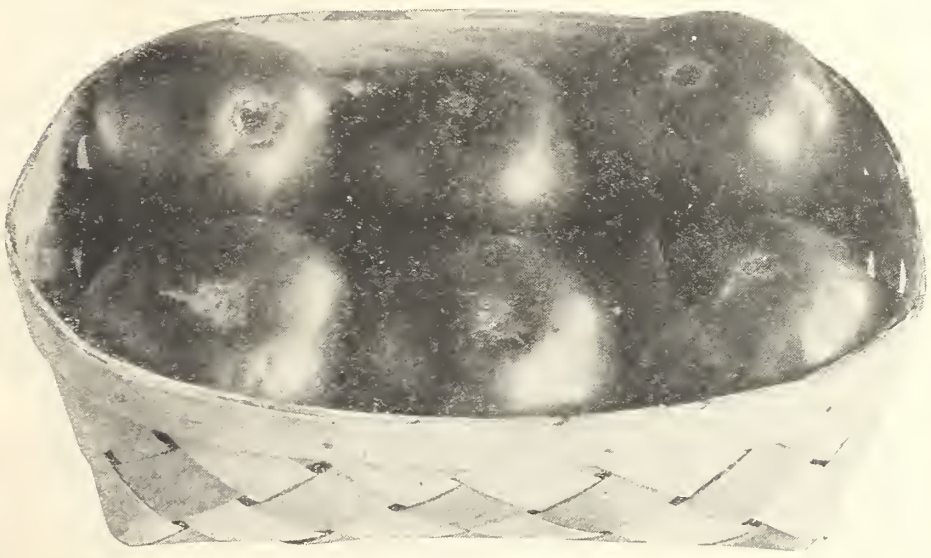
A new variety, glossy red in color. Its size and shape about the same as Earliana; however, fruit is a little thicker from stem to blossom end. One of the earliest, most solid tomatoes known. Ripens evenly up to the stem and does not crack open when ripe. Vines loaded with fruit. A profitable variety to grow. Pkt., 10c; oz., 40c; ¼ lb., 95c; ½ lb., $1.80; lb., $3.50.

CHALK'S EARLY JEWEL

Two weeks later than Earliana, but a heavier cropper, producing tomatoes of larger size and sweeter flavor. Fruits are very solid, deep, ripening well up to the stem without cracking. The flesh is solid, thick, comparatively few seeds. A recommended variety. Ready for market in 95 days. Pkt., 8c; oz., 30c; ¼ lb., 80c; ½ lb., $1.50; lb., $2.90.

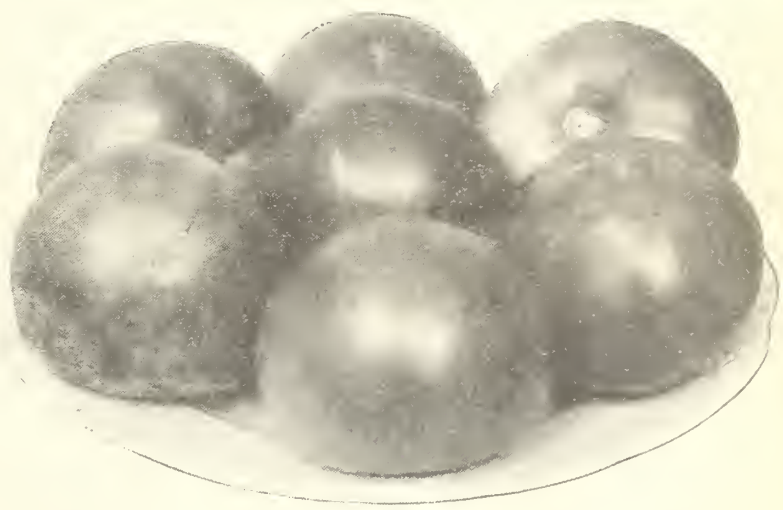
MATCHLESS TOMATO

A solid, smooth, beautiful red variety. Prolifically produced on strong vines. Good keeper, fine for market and home use. Pkt., 6c; oz., 25c; ¼ lb., 70c; ½ lb., $1.30.



PONDEROSA

This is the best of the large fruited varieties. Vines strong and when pruned to a single stalk fruit will weigh 1 lb. Tomatoes borne in clusters. Purplish red in color. Very solid flesh, few seeds. Pkt., 10c; oz., 40c; ¼ lb., $1.40; ½ lb., $2.75; lb., $5.25.



JUNE PINK

The best extra early pink variety. Resembles Earliana in every way except color. Fruits grow in clusters and begin to ripen early, bearing all through the season. Ready for market in 95 days. Pkt., 10c; oz., 40c; ¼ lb., $1.35; ½ lb., $2.50; lb., $4.85.

NORTON WILT RESISTANT

This is a maincrop, scarlet fruited variety. It is similar to the Stone but selected for wilt resistance by the United States Dept. of Agriculture. The fruits are medium size, smooth and solid. It is a heavy bearing variety and yields an excellent crop. One of the best long distance shippers. If you are in a territory where tomatoes are affected by wilt this variety should be grown. Pkt., 10c; oz., 35c; ¼ lb., $1.25; ½ lb., $2.30; lb., $4.25.

CULTURE

To secure plants for early planting we advise planting the seed indoors about the middle of February. When about 3 inches tall transplant into larger boxes where they will stand 4 inches apart. When the ground is warm about the 10th to 15th of May transplant into the open ground about 3 feet apart using well rotted stable manure as a fertilizer. Use "SLUG SHOT" or "PLANTGARD" to protect the plants from the tomato worm.

SHUMWAY'S GARDEN KING

The tomato of quality. The fruits are very large and smooth, solid meat and very few seeds. Very productive, medium early, ripening in about 100 to 110 days. Very uniform in its ripening and remains in good condition on the vine for a long time. This tomato cannot be surpassed. Pkt., 10c; oz., 45c; ¼ lb., $1.50; ½ lb., $2.90; lb., $5.50.

MARGLOBE

The newest wilt resistant variety. It is scarlet fruited maincrop and originated by the United States Dept. of Agriculture. The fruit of medium size, smooth, solid and deep. They set in clusters of 5 to 7 on the vines. This is a wonderful variety for the market gardener and shipper. Pkt., 15c; oz., 65c; ¼ lb., $1.75; ½ lb., $3.50; lb., $6.00.

LIVINGSTON'S GLOBE

An excellent all round variety of distinct shape. This may be classed as a second early. The fruits are fairly large, smooth, and of firm flesh, few seeds. It is exceedingly productive and unequalled for a main crop variety. This is used extensively by the large tomato growers and truckers of the country. Ready for market in 100 days. **Pkt., 10c; oz., 40c; ¼ lb., $1.35; ½ lb., $2.50; lb., $4.80.**

BONNY BEST

A large second early red tomato known for its solidity, smoothness and even ripening. The fruits run very uniform in size, a bright scarlet in color. An extra fine market variety ready for use in 100 days. **Pkt., 10c; oz., 30c; ¼ lb., 85c; ½ lb., $1.60; lb., $3.00.**

BUCKEYE STATE TOMATO

A very large variety that is solid, heavy and firm. Deep red in color. One of the finest quality for market and home garden. Its beautiful shape commands the highest price wherever offered. **Pkt., 10c; oz., 35c; ¼ lb., $1.15; ½ lb., $2.20; lb., $4.25.**

DWARF CHAMPION OR BUSH TOMATO

In this variety you have a compact, upright, early, smooth sort. The fruits are of medium size, smooth, symmetrical, purplish pink in color, with flesh very solid. The vine is strong and stiff, therefore requiring very little support. **Pkt., 10c; oz., 35c; ¼ lb., $1.15; ½ lb., $2.20; lb., $4.25.**

BEAUTY

A very popular large purplish variety for home, market or shipping purposes. It is early, strong grower, and a heavy yielder. The fruit is smooth, perfect shape, and excellent quality, growing in clusters of 4 to 6. The outstanding features are tough skin, few seeds, slow to crack, and seldom rots after a rain. This variety is ready for table use in 105 days. **Pkt., 10c; oz., 30c; ¼ lb., $1.15; ½ lb., $2.15; 1 lb., $4.00.**

ALBINO OR WHITE BEAUTY (NEW)

We are now able to offer a white tomato of good quality. Albino is practically free from acid which is welcomed by hundreds of people who heretofore have had to avoid tomatoes on account of the acidity. This variety is Ivory white in color with the flesh a pure white. Its size is about the same as Stone. **Pkt., 20c; ½ oz., 60c; oz., $1.00; ¼ lb., $3.50.**

HAMMOND'S SLUG-SHOT
1880 1915
USED SINCE 1880.
AN INSECTICIDE FOR GARDEN USE

Destroys bugs, beetles, green or black flies, caterpillars, lice, worms, and bean beetle. **Prepaid, lb., 30c; 5 lb. bag, $1.00; 10 lbs., $1.90. Not prepaid, 5 lbs., 60c; 10 lbs., $1.10; 25 lbs., $2.35. 1 lb. cartons have sifter top.**

SPARK'S EARLIANA

A very popular extra early red variety, producing fruits of good size, smooth and solid. The bush is compact in growth with stout branches. Fruit ready for market in 90 days. **Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., $1.50; lb., $2.90.**

FAVORITE

An early smooth, firm tomato, deep red in color. This variety ships well, is splendid for canning, market and family use. Its beautiful dark red color makes it one that is readily sought out in the markets, therefore making it a profitable variety. **Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., $1.50; lb., $2.90.**

PERFECTION

An ideal tomato. It is smooth, large, solid and of excellent quality. Its beautiful dark red color makes it very attractive on the market. It ripens well up to the stem without cracking. Skin is tough. Ready in 110 days from time of planting. **Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., $1.50; lb., $2.90.**

GOLDEN QUEEN

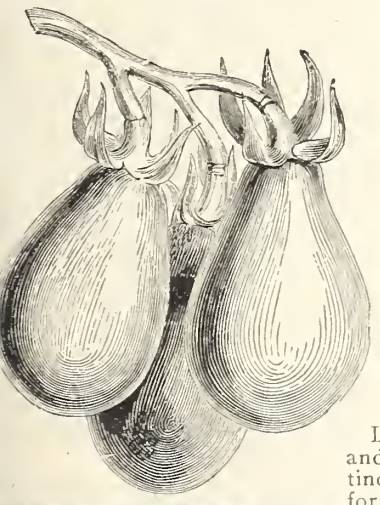
A variety bearing fruit of good size, smooth, solid, and meaty. Color is bright yellow, which makes it very attractive when served with the red fruited varieties. Without doubt the best yellow tomato grown. **Pkt., 10c; oz., 35c; ¼ lb., $1.00; ½ lb., $1.80; 1 lb., $3.50.**

ACME TOMATO

Beautiful deep rose, smooth, solid. Fine for market and family use. Early, prolific. Every one absolutely perfect. **Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., $1.50; lb., $2.90.**

CRIMSON CUSHION

Another very large bright scarlet tomato. It is a shy seeder with flesh that is very solid and meaty, making it a very desirable table variety. Where size plus quality is desired this variety cannot be surpassed. **Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., $1.70; lb., $3.25.**

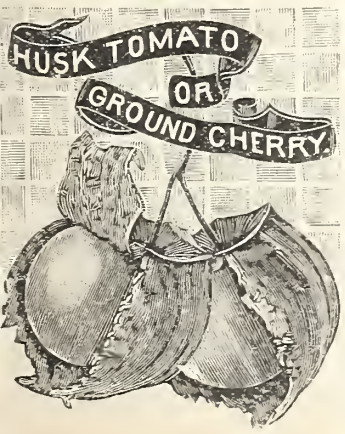


PEAR SHAPED TOMATO

This variety is wonderfully productive and very ornamental. Very nice when served in salads or as preserves. Yellow Pear: **Pkt., 10c; oz., 40c.** Red Pear: **Pkt., 10c; oz., 40c.**

PEACH

Largely used in fancy salads and for preserving. It is very distinct, beautiful in appearance, uniform in size, deep rose in color. **Pkt., 10c; oz., 40c; ¼ lb., $1.25.**



HUSK TOMATO OR GROUND CHERRY

A valuable berry which is contained in a husk and is excellent for preserves and pies. When dried in sugar they make an excellent sweet fruit to put in cakes equal to figs, citron, raisins, etc. It is sometimes called Strawberry Tomato, Winter Cherry, Ground Cherry. They grow about a foot high and are covered with husks containing the little fruit. Golden Husk: **Pkt., 8c; oz., 25c.** Purple Husk: **Pkt., 8c; oz., 25c.**

HERBS

CULTURE. Herbs do the best in a rich mellow soil. The seeds are sown early in the spring rather shallow; when they are up a few inches thin out so they will stand the proper distance apart. For use, herbs should be cut on a dry day before in full blossom, tie up in bunches and hang where they can dry out quickly. The varieties marked with an asterisk * are perennials.

Anise: Used for garnishing and cordials. **Pkt., 8c; oz., 30c.**

* **Balm:** Used for tea or Balm wine. **Pkt., 8c; oz., 30c.**

Basil, Sweet: Leaves are used for flavoring soups, stews, and highly seasoned dishes. **Pkt., 10c; oz., 50c.**

Borage: The blossoms are excellent for bees. Leaves are used in salads. The flower spikes are used in cooling drinks. **Pkt., 10c; oz., 30c.**

Caraway: Seeds are used for flavoring bread, cakes, etc. **Pkt., 8c; oz., 20c.**

* **Catnip:** Medicinal. Cats are very fond of it. It is also used as a seasoning. **Pkt., 10c; oz., 50c.**

Coriander: The seeds are used in flavoring sausage and meats. **Pkt., 10c; oz., 25c.**

Dill: Leaves are used in pickles and for flavoring soups and sauces. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 50c; lb., 90c.**

* **Fennel, Sweet:** The leaves when boiled are used in sauces for fish, also makes a beautiful garnish. Seeds are used for flavoring. **Pkt., 8c; oz., 20c.**

* **Horehound:** Leaves are used for flavoring, also in the manufacture of remedies for coughs. **Pkt., 8c; oz., 45c.**

* **Lavender:** Grown chiefly for its flowers which are used in the manufacture of Perfume. Also to lay between linens for perfuming. **Pkt., 8c; oz., 25c.**

* **Rosemary:** Leaves are used for seasoning. **Pkt., 10c; oz., 45c.**

* **Rue:** For medicinal purposes. Used as a cure for roup in fowls. **Pkt., 10c; oz., 50c.**

Saffron: Used for flavoring and coloring. **Pkt., 10c; oz., 40c.**

* **Sage:** The most popular herb for seasoning in dressings. **Pkt., 10c; oz., 45c.**

Summer Savory: Leaves and young shoots used for flavoring. **Pkt., 8c; oz., 25c.**

* **Sweet Marjoram:** Leaves are used in the summer and dried in the winter for flavoring. **Pkt., 10c; oz., 45c.**

* **Tansy:** Used for seasoning. **Pkt., 10c; oz., 50c.**

Thyme: Used for seasoning, also for a tea which is used for nervous headaches. **Pkt., 10c; oz., 50c.**

* **Wormwood:** Plant this in your poultry yard as it is very beneficial for chickens. **Pkt., 8c; oz., 25c.**

Turnip

WHITE EGG

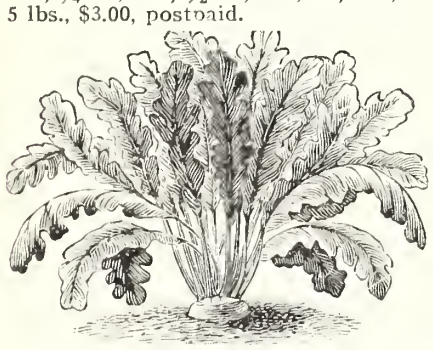
Good size, used for early or late sowing. Thin skin, fine grained and sweet, solid beautiful shaped. An excellent keeper. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., $3.00, postpaid.**

EARLY SNOWBALL OR SIX WEEKS TURNIP

On account of its extreme earliness it is of great value and much admired for bunching for the early markets. Good size, very smooth, tender, sweet, and crisp. This is one of the best keepers of the early varieties. Quality is unsurpassed. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., $3.00, postpaid.**

JERSEY LILY TURNIP

A beautiful clear white early sweet turnip. Very desirable for early summer use. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., $3.00, postpaid.**



SEVEN TOP

This is not a bulbous variety but it grows a mass of luxuriant tops which are excellent to use for greens or feeding stock; not damaged by frost. **Pkt., 5c; oz., 8c; ¼ lb., 18c; ½ lb., 30c; lb., 50c; 5 lbs., $2.10, postpaid.**

PURPLE TOP WHITE GLOBE

This splendid variety is the finest keeper of the fall turnips. Attractive shape and color makes it very pleasing in appearance but the quality of flesh makes it one of the most desirable of all varieties. A great yielder producing great tonnage on a small tract. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., $3.00, postpaid.**

GOLDEN GLOBE

An excellent keeper, large splendid table as well as stock variety. Another big yielder. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., $3.00, postpaid.**

YELLOW ABERDEEN

A large purple top golden yellow variety. Globe shaped, very productive and a good keeper. Excellent for table use or stock. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., $3.00, postpaid.**

LARGE WHITE FLAT FIELD

A large turnip that will supply an abundance of food for stock. Every farmer should raise a good supply of root crops for winter feeding. **Pkt., 5c; oz., 10c; ¼ lb., 22c; ½ lb., 35c; lb., 60c; 5 lbs., $2.65, postpaid.**

LARGE WHITE NORFOLK

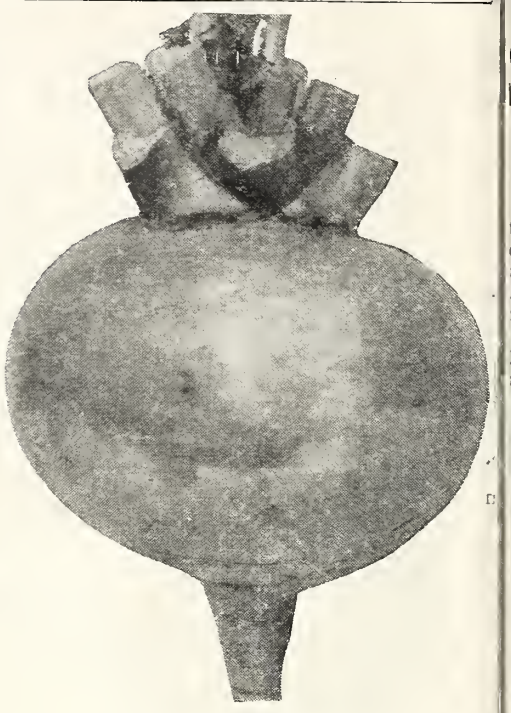
One of the best varieties for field culture. It always makes a big return for the area given it. Two to three lbs., sown to the acre broadcast will produce about all the root storage one would desire for the winter. **Pkt., 5c; oz., 10c; ¼ lb., 22c; ½ lb., 35c; lb., 60c; 5 lbs., $2.65, postpaid.**

EARLY LARGE FLAT DUTCH

An excellent general crop variety. Good for table and feeding stock. Good keepers if not allowed to become too large. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., $3.00, postpaid.**

LONG WHITE COWHORN

A stock variety that grows practically half out of the ground. Grows very rapidly and the flesh is fine grained of good quality. This sort is a good renovator for the soil as it roots deeply. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; lb., 50c; 5 lbs., $2.10, postpaid.**



EXTRA EARLY MILAN

This is the earliest variety of turnip. The skin is smooth, pure white polished appearance. Flesh is very fine grained and of excellent quality. Medium size, with few tops, making it a very desirable variety for the gardener. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., $4.00, postpaid.**

EARLY MUNICH PURPLE TOP

A very productive large extra early variety. Good variety for bunching. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., $3.00, postpaid.**

PURPLE TOP STRAP LEAF

The well known standard table variety. Broad shape, medium size, fine grained white flesh. A good keeper. **Pkt., 5c; oz., 10c; ¼ lb., 22c; ½ lb., 35c; lb., 60c; 5 lb., $2.65, postpaid.**

SALSIFY OR VEGETABLE OYSTER

This vegetable surpasses carrots or parsnips in richness. It should be grown more generally, as it affords a pleasing variation for the table, when boiled or fried, or after par-boiling can be grated, rolled into flattened balls and fried. The winter supply should be taken out before the ground is frozen and stored away in sand for the winter. Allow some to remain in the garden throughout the winter and lift in the spring before any growth has started and you will find the flavor improved.

MAMMOTH SANDWICH ISLAND

Uniform in growth, large and of excellent quality. **Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

LONG WHITE

A pure white strain. **Pkt., 10c; oz., 20c ¼ lb., 65c; ½ lb., $1.20; lb., $2.25.**

Rutabagas

IMPERIAL HARDY

Large rich yellow productive variety. Equal to others and very hardy. A moderate freezing seems to sweeten them. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.**

MONARCH SWEDE OR ELEPHANT

This is one of the finest of the Rutabagas. It grows considerably out of the ground, with a small neck and few leaves. The flesh is a rich yellow, solid. An excellent keeper, cannot be surpassed for table or stock use. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.**

WHITE SWEET RUSSIAN

An admirable variety for table use and feeding stock. An immense crop can be grown at a very little expense. A very profitable crop for the farmer. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.**

LAING'S IMPROVED

This is a round shape, early English variety. An excellent table as well as stock sort. The flesh is yellow with a purple skin. A very good keeper. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.**

SKIRVING'S PURPLE TOP

A well known hardy yellow variety. Good for table or feeding stock. One of the very largest varieties and a profitable cropper and easily grown. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.**

All varieties Rutabaga, 5 lbs., $3.00 postpaid.

Shumway's Refined Lawn Grass Seed

QUANTITY OF SEED

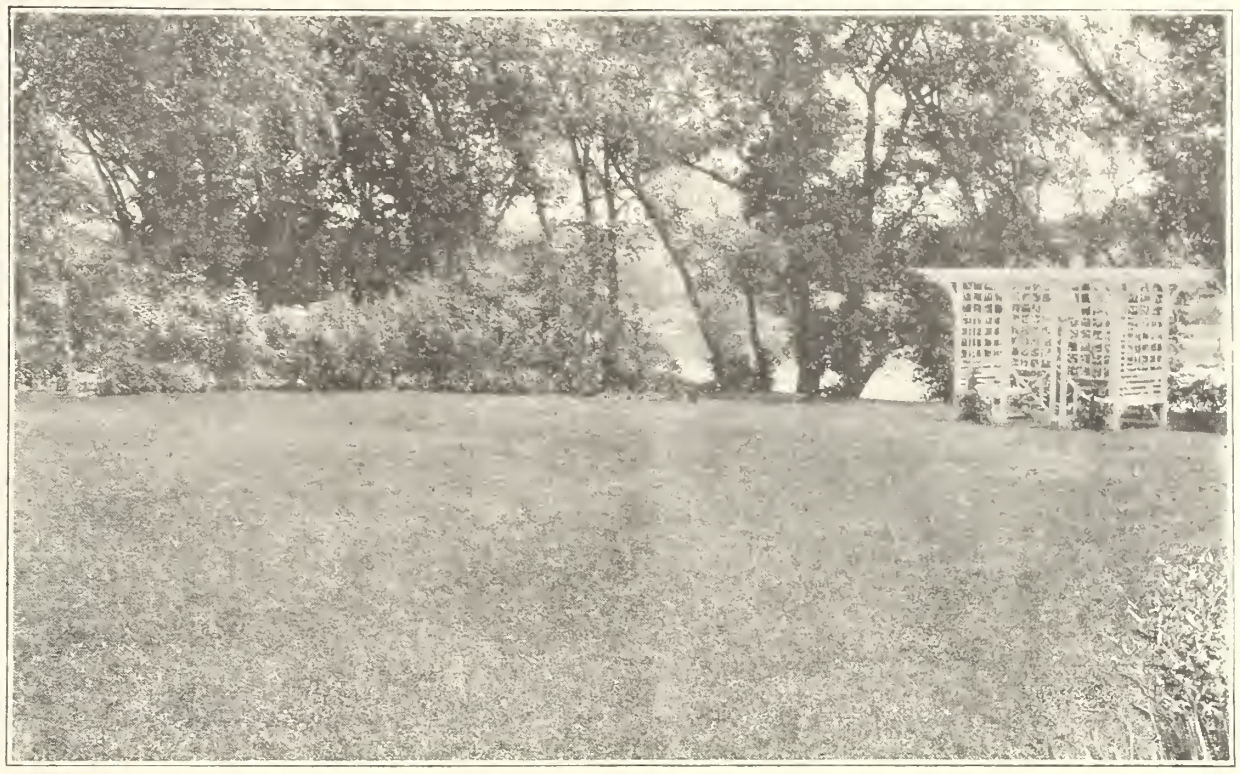
The following quantities of the mixture we offer are the usual amounts sown for a new lawn: 1 lb. for 350 sq. ft.; 5 lbs. for 1750 sq. ft.; 10 lbs. for 3500 sq. ft.; 35 lbs. for one-fourth acre. If intended for renewing an old lawn use one-half the quantity.

QUALITY OF SEED

This is by far the best mixture of grasses for a permanent lawn, made up of the choicest and hardiest varieties that will winter well under varying climatic conditions.

This seed has been recleaned twice by modern machinery so as to eliminate foreign seeds and chaff. Only finest grades of solid seed are used.

Price per lb., postage paid, 50c; 3 lbs., $1.40; 5 lbs., $2.30; by express, charges collect, 5 lbs., $2.00; 10 lbs., $3.85; 25 lbs., $8.75; 100 lbs., $33.00.



SEEDING OF LAWNS

In preparing ground for a new lawn, if the soil is naturally rich all that is necessary is that it be well spaded, making it as fine and mellow as possible. If it consists of earth from the excavation for the house, or is hard and lumpy, it should first receive a good dressing of manure, which should be spaded in and mixed with the soil, making it fine and smooth. Before sowing the seed, the surface of the soil should be freshly raked, then sow the seed as evenly as possible and rake it in, following with a roller.

LAWN GRASS FOR SHADY PLACES

FOREST CITY MIXTURE. This mixture of grasses adapted to growth in the shade is carefully and particularly compounded to make a beautiful lawn under trees. It is impractical to think that a good lawn can be made in shady places by using any regular lawn grass. It may start out well in the spring before the foliage becomes dense; however, it will die out very rapidly after the full growth of foliage is on.

Use this mixture for shade in the same proportion that you use the regular lawn grass and before the season is over you will be well repaid for the extra effort and time it has taken to give this special attention.

Prices: Parcel post charges paid, 1 lb., 75c; 2 lbs., $1.40; 3 lbs., $2.00; by express, charges collect, 1 lb., 65c; 3 lbs., $1.85; 5 lbs., $3.00; 10 lbs., $5.85.

WHITE DUTCH CLOVER

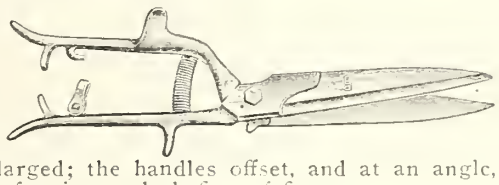
The clover in general use for lawns. Being of a creeping habit it prevents the soil from being washed away by rains. Also used in permanent pastures. **Price, per lb., postage paid, 65c: by freight or express, charges collect, 1 lb., 55c; 5 lbs., $2.60; 10 lbs., $5.00; 25 lbs., $12.25.**

Lawn Supplies

Wiss Shears

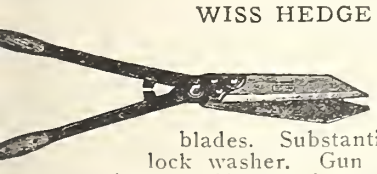
The Wiss Line of Shears for Gardening Are the Very Finest Manufactured

WISS GRASS SHEARS



The improved offset handles are an exclusive Wiss feature, designed for still greater comfort in operation. The thumb and finger rests are enlarged; the handles offset, and at an angle, avoiding cramping of wrists and chafing of fingers. **Full length 12½ in. Length of Cut 5½ in. Price each, $1.60, postage paid.**

WISS HEDGE SHEARS



One edge serrated and one knife edge. Forged steel handles, tempered steel blades. Substantial 7/16 in. bolt with nut and lock washer. Gun metal finish. Nickel plated blades. Size 7½ inches. **Price, $3.25, postage paid.**

WISS PRUNING SHEARS

Light Pruner. With volute steel spring. Full length 9 in. **Price each, $1.35, postage paid.**

WISS FLOWER AND THINNING SHEARS

Slightly curved blades. A high grade drop forged tool, designed for picking small fruits, thinning out blossoms, and for removing inferior grapes from large clusters. Also used for cutting flowers in garden and greenhouse. Useful in the kitchen for dressing vegetables. Full length 7½ in. **Price each, $1.50, postage paid.**

THE CYCLONE SEEDER

The Cyclone Seed Sower is the most widely known and used of all broadcast seeders. For more than 40 years it has been on the market; long ago it won recognition for the best machine for the purpose.

The bag of the seed container is made of heavy canvas and has a capacity of one-half bushel.

The feed control is quickly, easily, and accurately adjusted for different kinds of seed or to regulate the amount to be sown. The flow can be started or stopped instantly with the pressure of the finger. By express, charges collect $2.00: by mail or express prepaid, $2.35.

Hazeltine's Hand-Weeder.
A good, large, useful hand-tool, and is considered a desirable implement. Sure to please. By mail, only 25c.

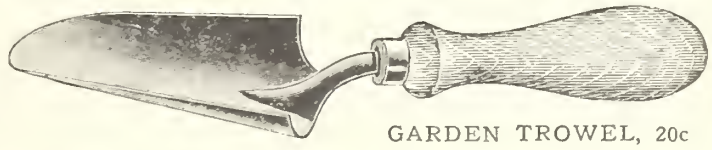
VIGORO

Specially prepared plant food

VIGORO produces thick velvety lawns of a deep green color; flowers of rare beauty and luxuriant foliage; vegetables that are succulent, crisp and delicious in flavor; leafy shrubs and trees.

VIGORO is a scientific plant food giving the plant the necessary elements for maximum growth, beauty and production. It has no unpleasant odor and is easy to apply. It is packed in heavy cotton, paper lined bags. The rate of application is from two to four pounds per 100 square feet. Complete instructions accompany each bag. **By mail, 5 lbs., 85c.**

Prices F. O. B. Rockford: 5 lbs., 50c; 25-lb. bag, $1.75; 50-lb. bag, $3.00; 100-lb. bag, $5.00.



GARDEN TROWEL, 20c
Handy tool in garden, or greenhouse.

Large Size, No. 1, Plant Sprinkler, $1.50
Very nice for spraying plants, as well as watering seedlings.

Farm Seeds of High Germination and Purity

Alfalfa and Clovers

Alfalfa, Medium Red and Alsike clovers are in short supply this year due to the winter of 1928 which killed out so many of the fields which would have borne seed in the summer of '28.

We suggest an early buying of these items. From the reports at hand it doesn't seem to be so much a matter of price as, whether there is sufficient stocks of first quality to meet the demand. Do not wait until a short time before seeding to place your orders. Our stock is of the finest quality we can secure and you may subject it, on receipt to your State University for analysis, and if not as represented you may return same at our expense and your money will be refunded. **No charge for bags. All quotations, F. O. B. Roekford.**

This wonderful clover is now grown in practically every state of the Union, producing 3 to 7 tons of hay to the acre. Three cuttings a year is customary from the North Central to the northern states.

The soil must be sweet to secure a good stand, if an acid or sour soil exists use pulverized limestone which is spread on the land at the rate of 1 to 3 tons per acre, dependent entirely upon the degree of acidity. This to be done prior to plowing or discing. Early spring sowing in the North is advisable so the young plants will have sufficient strength to withstand a drought.

The quantity sown per acre is entirely dependent on moisture conditions. Where the farmer is dependent on rainfall 15 to 20 lbs. is sown per acre. In irrigated sections 5 to 10 lbs. It is well to sow heavily, so as to procure a growth sufficient to keep the weeds down. Alfalfa is a nitrogenous plant, therefore very valuable to all farmers in keeping up the soil.

NORTHWESTERN GROWN

This grade is grown in the extreme northwestern part of the country where the winters are severe, making a very hardy strain which will readily stand conditions in any other part of the country. 99.35% pure or better. **⅛ bu., $2.50; ¼ bu., $4.75; ½ bu., $9.25; bu., $18.25.**

MONTANA DRYLAND

The stock of this Alfalfa is sealed by Montana authorities. We offer this stock in bushel bags only, at $19.75 per bushel.

GRIMM

This strain of Alfalfa, after comparative tests made throughout the country, has proved itself to be the hardiest and most productive of all the Alfalfas. **Offered in bushel bags only, sealed by State authorities, at $24.75 per bushel.**

CERTIFIED BLACKFOOT GRIMM

This stock is grown and sealed by the Blackfoot Alfalfa Growers Association. **Offered in 1 bushel sealed bags only, at $24.90 per bushel and ½ bu. sealed bags only. $24.90 per bu., $12.60 per ½ bu.**

ALSIKE

The hardiest variety known. Especially adapted to the Northern states. It is a perennial and does not easily winter kill. Suitable for hay or pasture, thriving exceptionally well on moist soil. Sown with Timothy or Medium Red Clover produces an excellent quality of hay. 8 to 10 lbs., is the usual quantity used on an acre. **⅛ bu., $3.25; ¼ bu., $6.25; ½ bu., $12.25; bu., $24.00. 60 lbs., to the bu.**

MEDIUM RED

This variety considered one of most value in the Clover family, often called June Clover. It makes two crops each year, the first is cut for hay and the last may be harvested for seed, cut for hay, or plowed under as a green manure. Seed can be sown at the rate of 10 to 15 lbs. to the acre spring or fall. Sold on a basis of 60 lbs. to the bushel. **⅛ bu., $3.25; ¼ bu., $6.25; ½ bu., $12.25; bu., $24.00.**

WHITE BLOSSOM

This is an erect branching biennial clover. The first year it grows 1½ to 3 feet high, developing a large root. The second year it blossoms and goes to seed, therefore can be readily killed by cutting prior to going to seed. Sweet Clover is a legume having the same bacteria on its roots as Alfalfa. Sweet Clover requires a firm soil. Sow 15 to 20 lbs. to the acre, which will produce an excellent stand of hay.

We have hulled seed, scarified, which is sold on a basis of 60 lbs. to the bushel. **⅛ bu., $1.00; ¼ bu., $1.85; ½ bu., $3.60; 1 bu., $6.90; 2 bu., $13.75; 5 bu., $33.00.**

Grasses

TIMOTHY

It is the best known and mostly used grass in this country for hay, having few leaves and many stems, making it very desirable for shipping. Timothy does best on moist clay soil. It should be cut for hay while it is in bloom or shortly afterward. It yields 1½ to 3 tons per acre. Sow 10 to 15 lbs. to the acre. When sown with Alsike or Medium Red Clover, it makes the most desirable hay. Use about one-third clover and two-thirds Timothy. Better than 99½% pure. **⅛ bu., 60c; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00; 45 lbs., to the bushel.**

TIMOTHY AND ALSIKE MIXTURE

Containing 20-25% of Alsike. The best pasture and hay mixture. This is one of cheapest seedings. On low moist land this will give satisfaction. Fine for high ground either for pasturing or hay crop. Sow 10 to 15 lbs. to the acre. **Price per 10 lbs., $1.40; 25 lbs., $3.25; 50 lbs., $6.25; 100 lbs., $12.00.**

KENTUCKY BLUE GRASS OR JUNE GRASS

Makes the best pasture for all stock. It starts first thing in the spring, is very hardy, going through the winters the best of all grasses. Blue Grass makes exceptionally fine lawns. The standard weight is 14 lbs. to the struck bushel. The grade we have to offer weighs 21 lbs., being thoroughly recleaned. **Price per 5 lbs., $1.90; 10 lbs., $3.75; 25 lbs., $9.00; 50 lbs., $17.75; 100 lbs., $35.00. By mail postpaid, 1 lb., 50c; 3 lbs., $1.45; 5 lbs., $2.25.**

RED TOP OR HERD GRASS (Solid Seed)

A grass with interlacing roots which makes a fine sod. One of the best grasses for pasture mixed with Kentucky Blue Grass. It makes a good hay crop if allowed to grow to full height. Cut when in bloom, easily cured. Sow 10 lbs. to the acre. **Price per 5 lbs., $1.05; 10 lbs., $1.95; 25 lbs., $4.75; 50 lbs., $9.35; 100 lbs., $18.00. By mail postpaid, 1 lb., 45c.**

ORCHARD GRASS

Good for pasture or hay. Will readily reinstate itself after being closely cropped. Does well in shady places such as orchards and in woodlands. Sow 20 to 25 lbs. per acre. **Price per 10 lbs., $2.20; 25 lbs., $5.25; 50 lbs., $10.25; 100 lbs., $20.00. By mail, postpaid, 35c per lb.**

PERENNIAL RYE GRASS

A grass with an abundance of foliage, fine for pasture or hay. Does well on any soil. **5 lbs., 90c; 10 lbs., $1.70; 25 lbs., $4.00; 50 lbs., $7.75; 100 lbs., $15.00. By mail postpaid, 1 lb., 30c.**

PERMANENT PASTURE MIXTURE

Properly mixed grasses and clovers for pasture. Sow 20 to 25 lbs. to the acre. **10 lbs., $3.00; 25 lbs., $7.25; 50 lbs., $14.25; 100 lbs., $28.00.**

SUDAN GRASS (Northern Grown)

This grass has more real worth than any other grass known, as far as feeding value is concerned. It is erect in growth, often growing eight feet high. This grass is equal to millet in feeding value, much heavier yielder and not so hard on the soil. Two cuttings is the usual thing in the north and three in the south. Very fine for a catch crop if only one cutting is desired. Sown in rows 14 to 18 inches apart, 10 to 15 lbs. per acre, if broadcast 25 lbs. to acre. Beware of Johnson grass which is often found in this seed, if stock comes from the south. **5 lbs., 50c; 10 lbs., 90c; 25 lbs., $1.90; 50 lbs., $3.50; 100 lbs., $6.50. By mail postpaid, 1 lb., 25c.**

Soja or Soy Beans

Soy Beans should be used annually on every farm. They are well adapted to the Central and Southern states, serving as a soil builder as well as an excellent forage crop for all stock. They contain as much protein as linseed meal and nearly as much as cotton seed meal.

Checked in with corn they supply an excellent pasture for hogging down or to turn under as a green manure after corn is taken off.

Sown alone they act as a soil builder and supply a fine forage crop.

Seed should be inoculated with Nitragin before planting. Seed after ground is warm at the rate of two to three pecks to the acre drilled in or bushel to bushel and a half broadcast. If checked in with corn use soy bean attachment on corn planter and seed at rate of one bushel to ten acres.

Ito San. Matures in 110 days, for grain and forage.

Manchu. 120 days, for grain and forage.

Black Eye-Brow. 110 days, for grain and forage.

Hollybrook. 120 days, for green manure and hay.

Medium Yellow. 120 days, for soiling purposes and hay.

Prices on all varieties: **⅛ bu., 50c; ¼ bu., 90c; ½ bu., $1.75; bu., $3.25.**

Inoculate

Alfalfa, Sweet Clover, All Clovers, Soy Beans, Cow Peas, Vetch, Peas, Beans — All Legumes with

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG'D DEC 6 1898 NO 37201

Restores and Maintains Soil Fertility

The Original Soil Inoculator

Raise legumes—grow alfalfa, clovers, soys, vetch, peas and beans—they are valuable feed crops—but be sure to inoculate them. All Agricultural Colleges advise this. Inoculated legumes draw their nitrogen from the air — not from the soil. They are soil builders, not soil robbers. Inoculation will produce more vigor and vitality, increasing the yield, quality, and add fertility to the soil.

Sold in tins packed in a rich, soil-like granular medium, easy to mix with seed. Contents always fresh and bacteria active and vigorous.

The Original Soil Inoculator — Registered in the U. S. Dec. 6, 1898 — over 28 years ago.

Alfalfa, Clovers, Peas, Beans, Soys, Cowpeas

¼ bushel, size	$ .40	*Prices Reduced on Soy Beans, Cowpeas*	
½ bushel, size	.60		
1 bushel, size	1.00	½ bushel, size	$ .40
5 bushel, size	4.75	1 bushel, size	.70
Always state kind of seed.		5 bushel, size	2.50

Nitragin for Garden Uses

Every garden needs Nitragin; garden size is for Peas, Sweet Peas, and Beans including Lima (3 in one Inoculant). Price 20 cents

IMPORTANT

PROTECT YOURSELF: Don't buy legume cultures without a date on labels. Date, same year seed is sown. They may be several seasons old and worthless. Agricultural Colleges recommend this protection. Every NITRAGIN label is dated.

Notice

There is a great difference in prices asked for cane seed. This is due to the quality and its adaptability for sugar purposes. If cane is to be used for syrup, the field should be looked over and all foreign plants pulled out before blossoms are set. Our cane seed is as good as we can buy, but nevertheless, we cannot assume any responsibility for the condition of the crop.

EARLY AMBER SUGAR CANE

Is not always pure if planted too near Broom or Kaffir Corn. It grains readily for sugar. Valuable to cut up green for stock. **By mail postpaid, ½ lb., 12c; lb., 20c. Express charges collect, ⅛ bu., 40c; ¼ bu., 75c; ½ bu., $1.35; bu., $2.50.**

KANSAS ORANGE SUGAR CANE

Not as early as Amber, but it produces more syrup of light color. **By mail postpaid, ½ lb., 12c; 1 lb., 20c. Express charges collect, ⅛ bu., 40c; ¼ bu., 70c; ½ bu., $1.35; bu., $2.50.**

MIXED SORGHUM OR SUGAR CANE

Used for fodder only. Sow broadcast for forage, 50 to 75 lbs. to the acre. **⅛ bu., 35c; ¼ bu., 60c; ½ bu., $1.10; bu., $2.10.**

KAFFIR CORN

A valuable non-saccharine Sorghum, which produces wonderfully of fodder. **By mail postpaid, lb., 25c. Not prepaid, ⅛ bu., 45c; ¼ bu., 80c; ½ bu., $1.40; bu., $2.60.**

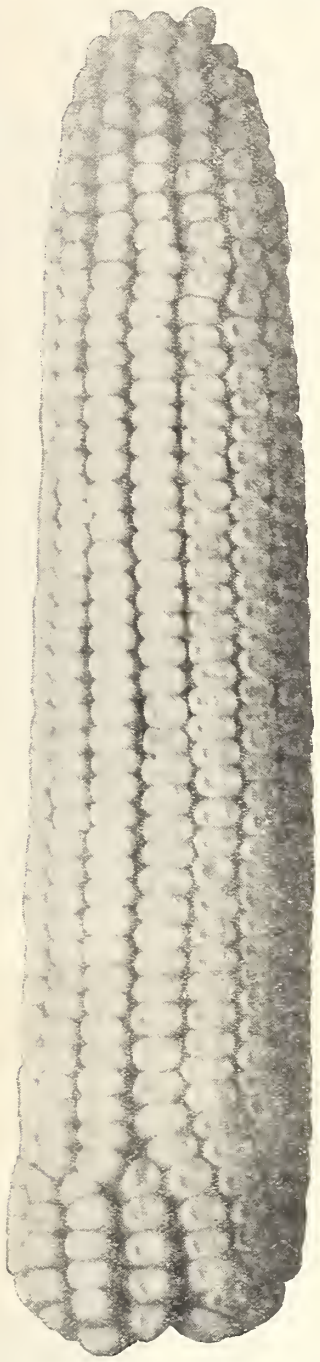
MILO MAIZE

Excellent forage plant. The grain is good to feed chickens and stock. **By mail prepaid, lb., 25c. Not prepaid, ⅛ bu., 45c; ¼ bu., 80c; ½ bu., $1.45; bu., $2.75.**

JAPANESE BUCKWHEAT

The largest standard variety. Fine for milling. **By mail postpaid, lb., 25c. Express charges collect, ¼ bu., 70c; ½ bu., $1.20; bu., $2.25.**

Field Corn



In reference to the type of corn we ship. We do not ship corn on the ear. All varieties are grown in the Northern part of the corn belt. The seed is shelled, from selected ears, tipped, butted and then stock graded, and hand picked. Tested for germination. Return if not as represented and money will be refunded. **All varieties quoted F. O. B. Rockford. No charge for grain bags.**

REID'S YELLOW DENT

The leading standard yellow variety originated by James L. Reid of this State, fixing a type that corn growers have failed to better. It is a dark yellow with deep kernels; butt and tips almost cover the ear. Grains slightly dented on top. The leaves and stalks make excellent ensilage and fodder. Matures in 110 days. ⅛ bu., 60c; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00.

WISCONSIN NO. 7

Also known as Silver King. This is the earliest white dent corn, having generally twelve rows of deep kernels, well filled medium sized ears 8 to 9 inches long. Adapted particularly to the Northern states. Matures in 90 days. ⅛ bu., 60e; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00.

IMPROVED LEAMING

A well known standard variety being recommended for all parts of the corn belt. The stalks are of good height, broad leafy blades, making excellent silage or fodder corn. Ears are well filled about 10 inches long, beautiful golden-yellow in color. ⅛ bu., 60c; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00.

PRIDE OF THE NORTH

This variety matures in 85 to 90 days, especially adapted for the Northern planter maturing farther north than any dent variety. This has a medium size bright red cob, kernels are deep with dark golden-yellow color. Many stalks produce two good ears. ⅛ bu., 60e; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00.

EARLY MURDOCK

Also known as Wisconsin No. 12 and Golden Glow. Particularly adapted for the Northern part of the corn belt as well as the Southern parts of Wisconsin and Minnesota. A good sized uniform type running 16 to 20 rows; deep kernels, golden-yellow in color. Matures in 90 to 95 days. ⅛ bu., 60c; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00.

IOWA SILVER MINE

The standard white variety. Remarkable drought resister and seems to stand adverse conditions and makes a crop where other varieties fail. Deep grained small white cob. Ears from 10 to 12 inches long, 16 to 20 rows of pure white kernels. This is a safe variety to use anywhere in the corn belt as well as farther South. Matures in 100 to 110 days. ⅛ bu., 60c; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00.

IOWA GOLD MINE

This is known as a medium early variety. An excellent producer and sure cropper. Bright golden-yellow in color, grain deep and cob small. Ears are medium and symmetrical. Another leafy variety which makes excellent silage or fodder. This corn will grow in nearly every state in the Union which cannot be said of other varieties. ⅛ bu., 60c; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00.

LONGFELLOW EARLY YELLOW FLINT

Its ears are extremely long, smooth and glossy, and a great improvement on the old yellow Yankee corn, but not quite so early. Excellent for cutting up while green for stock, and an excellent, rich, milling sort. ⅛ bu., 65e; ¼ bu., $1.15; ½ bu., $2.20; bu., $4.25.

EXTRA EARLY KING PHILLIP RED FLINT

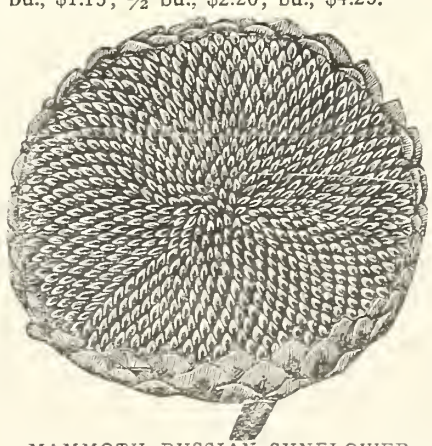
Rapid grower and ripens early. Particularly recommended for early feeding and bears a plentiful supply of leaves and often two or three ears to each stalk, making it a valuable fodder for stock. ⅛ bu., 65e; ¼ bu., $1.15; ½ bu., $2.20; bu., $4.25.

EXTRA EARLY YELLOW YANKEE FLINT

Planted largely by stockmen for early feeding to stock. Long eared, with smooth, yellow, hard grain. Makes nice roasting ears while in green state. Fine milling sort. ⅛ bu., 65c; ¼ bu., $1.15; ½ bu., $2.20; bu., $4.25.

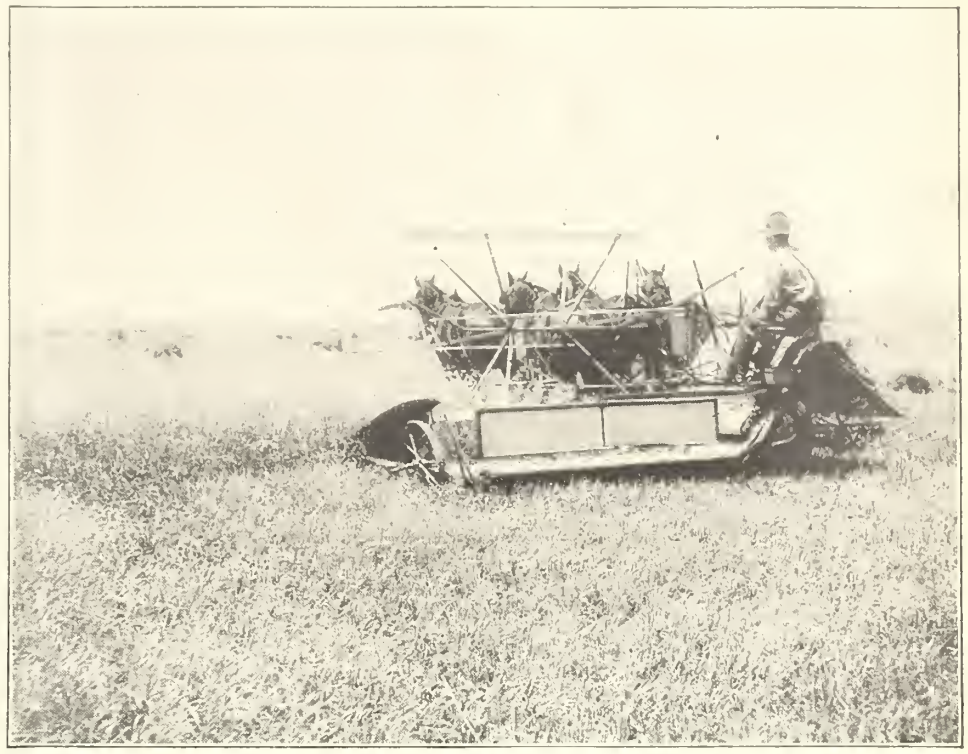
THOROUGHBRED WHITE FLINT

Early; great long ears, pearl-white color, small stalks and broad leaves, producing a very great amount of fodder. Fine for milling. ⅛ bu., 65c; ¼ bu., $1.15; ½ bu., $2.20; bu., $4.25.



MAMMOTH RUSSIAN SUNFLOWER

Farmers should plant liberally of this as it produces an abundance of seeds, which are more valuable for feeding poultry than any other food. Can be grown anywhere, in places where other crops have made only a partial stand. The stalks are good kindling, and if burned with heads and seeds, make hot fires. They grow enormously large. ¼ lb., 10c; ½ lb., 15c; lb., 25c; 5 lbs., $1.15, postage paid. By express, charges collect, 5 lbs., 65c; 10 lbs., $1.20; 15 lbs., $1.65; 25 lbs., $2.75.



WHITE KHERSON OATS

Recommended ahead of all other sorts by every one who has grown any of them here. It has a white and heavy plump grain, and is a great yielder. Does not rust and stools well. Always turns out a good crop. **Bu., $1.20; 2 bu., $2.25; 5 bu., $5.50; 10 bu., $10.50.**

HARDY GOLDEN PROLIFIC OATS

This is one of the best extra earliest sorts for the north. It is a good producer, and does not rust. It has firm straw and seldom lodges. Grows to good height in any soil. Has very heavy, nice grain and sufficiently hardy to stand northern climate. **Bu., $1.10; 2 bu., $2.15; 5 bu., $5.25; 10 bu., $10.00.**

NORTHERN WINNEBAGO OATS

A good, large prolific sort, strong grower and stands up remarkably well even under unfavorable conditions. A hardy variety and well adapted to any climate. A failure is unknown with this variety, and it is a standard sort throughout every northern state. Berry is plump and heavy. **Bu., $1.10; 2 bu., $2.15; 5 bu., $5.25; 10 bu., $10.00.**

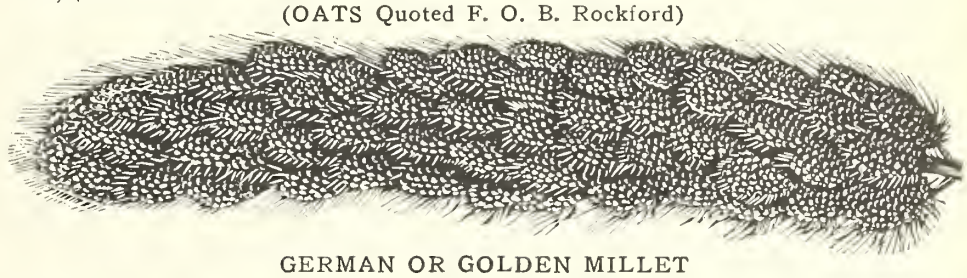
PERFECTED WHITE SWEDISH OATS

This has proven to be one of our surest croppers and greatest yielders that has ever been grown in this country. The berry is white and very heavy. It is free from rust and does not lodge. Very hardy. **Bu., $1.30; 2 bu., $2.50; 5 bu., $6.00; 10 bu., $11.75.**

WHITE SILVER MINE OATS

Valuable sure cropping variety with strong straw and plump, heavy grain. Wonderfully productive and stands up well. It has proven to be a superior sort everywhere, and remarkably free from rust. **Bu., $1.25; 2 bu., $2.40; 5 bu., $5.45; 10 bu., $10.65.**

(OATS Quoted F. O. B. Rockford)



GERMAN OR GOLDEN MILLET

Large sort, good for old worn soil. Grows very large on rich or new land. Cut while early in bloom. **½ bu., $1.50; bu., $2.75.**

COW PEAS

Sow one to 2 bushels to the acre. Yields nutritious crop of four to six tons of green fodder per acre. Enriches the soil as it grows deep and brings up potash, and absorbs nitrogen from the air. Sow at any time up to July in the middle and northern states. The feeding of Cow Peas is recognized as being of a greater value for every kind of stock than any food yet discovered. They are by far the most fattening just at the time the pods are getting to their full size. They are relished by hogs as well as by all other stock.

Whippoorwill. ⅛ bu., 75c; ¼ bu., $1.40; ½ bu., $2.60; bu., $5.00.

New Era. ⅛ bu., 75c; ¼ bu., $1.40; ½ bu., $2.60; bu., $5.00.

WHITE CANADA FIELD PEAS

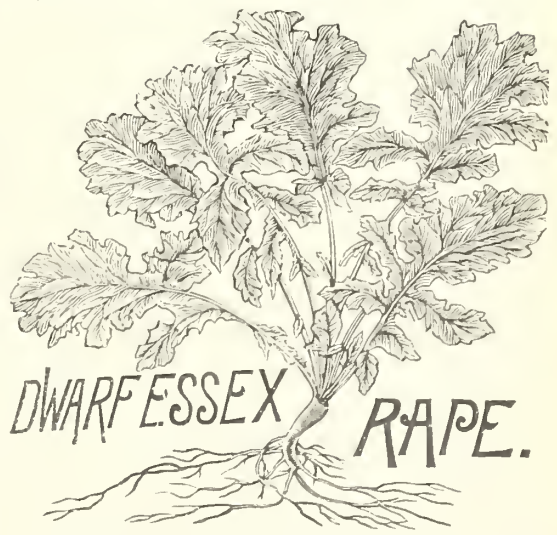
These are highly prized by all farmers for sowing with oats for feeding stock. Fine to fatten hogs and all other animals. Sow one bushel or more to acre. ⅛ bu., 60c; ¼ bu., $1.10; ½ bu., $2.10; bu., $4.00.

PEANUTS—VIRGINIA

A large medium early variety. This variety is used for roasting more than others, also good for stock. Vines make good roughage. By mail, postpaid, lb., 30c. Not prepaid 5 lbs., 80c; 10 lbs., $1.35; 25 lbs., $3.00; 50 lbs., $5.75; 100 lbs., $11.00.

SPANISH

An early variety, pods small, but solid and well filled, nuts are very sweet. This is the best variety to grow for fattening hogs. By mail postpaid, lb., 30c. Not prepaid, 5 lbs., 80c; 10 lbs., $1.35; 25 lbs., $3.00; 50 lbs., $5.75; 100 lbs., $11.00.



A forage plant of great value, which can be sown at any time from March to August; at the rate of about 5 or 6 pounds per acre. Makes a grand pasturage for sheep, as well as for other stock. It can be cut up to feed stock or chickens if permitted to grow to its full size. Is not injured by frost, and will furnish feed until winter. **Lb., 22c, postage paid. Express, charges collect, 10 lbs., $1.10; 25 lbs., $2.35; 50 lbs., $4.50; 100 lbs., $8.75.**

Insecticides, Fungicides and Supplies

KILLS PLANT INSECTS

M.G.K. EVER GREEN NON-POISONOUS INSECTICIDE

EFFECTIVE against Cucumber and Melon Beetles, Cabbage Worms, Rose Slugs, Aphis, Leaf Hoppers, and most other plant insects including cutworms.

NON-POISONOUS—EVER GREEN is harmless to man, live stock, birds and pets. Kills only insects. Elimmates washing of fruits and vegetables before marketing.

NON-INJURIOUS—Won't burn or injure the tenderest crops. Can be used on celery and roses. Doesn't injure the soil in any way.

NO DETERIORATION — When undiluted EVER GREEN retains its strength indefinitely.

PLEASANT AND EASY TO USE—No continuous agitation necessary—mix it by simply pouring into water and stirring. No unpleasant odor.

WON'T GUM SPRAYERS—Has no injurious effect on metal or rubber. Sprayers can't get clogged for EVER GREEN stays in solution.

LIST PRICES

1 oz. bottles.....$0.35 6 oz. bottles.....$1.00 16 oz. bottles.....$2.00
32 oz. bottles.....$3.85 1 gal. bottles.....$13.00

Being Non-Poisonous Ever Green Can Be Sent Through the Mail

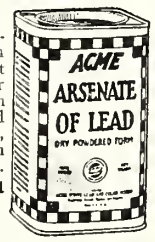
ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Prices: 1 lb., sifter Carton, 25c; 5 lbs., 65c.

ACME ARSENATE OF LEAD



The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.

Prices: ½ lb., 25c; 1 lb., 45c; 4 lbs., $1.25.

ACME PARIS GREEN

A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on: Potatoes, cotton, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Prices; ¼ lb., 20c; 1 lb., 50c; 5 lbs., $2.25.

ACME LONDON PURPLE

A favored insecticide for 50 years. Now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to foliage.

For use on potatoes, cotton, tobacco, sugar beets and many other shrubs and vegetables affected by leaf chewing insects.

Prices: ¼ lb., 15c; 1 lb., 45c; 4 lbs., $1.40.

ACME ALL ROUND SPRAY

The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular.

Prices: ¼ lb., 35c; 1 lb., 85c.

ACME 2-WAY SPRAY

A balanced insecticide and fungicide containing 14% arsenate of lead and 83% Bordeaux Mixture. Two results with one application.

Use wet or dry on: Apple, sour cherry, currant and gooseberry, grape, pear, plum, strawberry, pecan, bean, beet, cucumber, pepper, potato, tomato and many other fruits and vegetables.

Prices: ½ lb., 25c; 1 lb., 45c; 4 lbs., $1.50.

ACME LIME-SULFUR

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

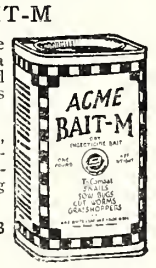
Prices: 1 lb., 35c; 5 lbs., $1.50; 10 lbs., $2.50.

ACME BORDEAUX MIXTURE

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture.

Prices: 1 lb., 40c; 4 lbs., $1.25.

ACME BAIT-M



An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn.

For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground.

Prices: 1 lb., 35c; 3 lbs., 70c; 15 lbs., $2.70.

The Above Acme Insecticides and Fungicides are Poisonous. We Cannot Send By Mail, They Must Travel By Express

When ordering with your seed specify that your order is to be sent by express, adding 5c per lb. for insecticides to cover the transportation charge.

PLANT SPRINKLER

Plant Sprinkler, $1.50. Large size No. 1. Very nice for spraying plants as well as watering seedlings.

NEW WAY TO KILL GARDEN BUGS

PROTECT your flowers and vegetables this new way. Surprisingly easy! Simply sprinkle with a new kind of powder called PLANTGARD. Not only are bugs, worms, and insects *killed*, but this almost magical powder also *fertilizes* the ground. No wonder flowers grow larger and brighter colored! Vegetables mature quicker and are more tasty! Just by using Plantgard, the only sure, guaranteed absolutely NON-POISONOUS insecticide. Yet it costs only a few cents to protect an entire garden bed. You get a big box of Plantgard for 35c—larger size 60c. Also offered in bulk at very attractive prices.

Plantgard
FOR GARDEN PROTECTION

Vigoro is a scientifically balanced ration giving to plants just the nourishment needed to promote a rapid, vigorous, sturdy growth. It is clean, odorless, economical and easy to apply.

The Home Beautiful booklet of instructions comes in every bag.

For Lawns, Gardens, Flowers, Shrubbery and Trees
5 lbs. by parcel post 85c.
5 lbs., 50c. 25 lbs., $1.75.
50 lbs., $3.00. 100 lbs., $5.00.

F. O. B. Rockford, Ill.

Two Great Pest Controls

That Rid Your Home of Ants and Garden Pests—Quickly Safely and Surely!

Antrol

The National Ant Control

For sweet eating ants—the kind that infest the house and are frequently seen on plants and trees. This is a complete system adapted to any size house, composed of small glass containers and special Antrol syrup. The containers are partially filled with syrup and then placed about the outside edges of the house. Ants smell the mildly poisonous syrup, eat it and then transmit it to their queen. Soon the entire ant nest is destroyed!

PRICES—Antrol sets containing 4 containers and 1 4-oz bottle of syrup.$1.00
Antrol sets containing 9 jars, 6 oz. syrup 1.90
Antrol extra containers (each)..... .15
Antrol syrup, 4-oz. bottle..... .50
Antrol syrup, pints..... 1.00
Antrol syrup, gallons 4.00

NOTE—Enough containers and syrup should be purchased to place one container every 15 feet around the house or along ant "trails" in the garden.

Poison: Not mailable. Sent by Express, Charges Collect.

Snarol

The National Pest Control

For snails, cutworms, slugs, grasshoppers, sowbugs, Earwigs and other garden pests. This is a ready-prepared meal that you simply broadcast about the garden on the ground **under** the vegetation. The pests eat this meal and are quickly destroyed. Rains and sprinkling do not lessen the efficiency of Snarol. Also Snarol is non-injurious to vegetation. Indorsed by gardeners and nurserymen everywhere for best results.

PRICES

1-lb. Package $0.50
3-lb. Package 1.00
15-lb. Bag 3.75

TEMLEY'S watch-em-Grow PLANT FOOD

A clean, odorless powder, which will dissolve quickly in water. It can be easily applied to plants just as you ordinarily water them.

Complete instructions on each can. House plants readily respond to this food.

A little of this food goes a long ways as it is highly concentrated. A rounded teaspoon full dissolved in a cup of hot water, then this poured into a gallon of cool water will provide a watering and food for a great many house plants or a fair sized bed out of doors. Flowers as well as vegetables out of doors will be greatly benefited if occasionally used during the growing season.

When a change of soil is made for potted plants mix a teaspoonful of Watch-em-Grow with a gallon of soil. The results are surprising. A can of this concentrated plant food should be in every home ready to feed plant life when they need it. 8 oz. can, postpaid, 50c.

Shumway's Flower Seeds

Shumway's Asters

We are offering several varieties of Asters in different colors. Any description given will be of the type of Aster rather than to treat them as a whole.

Queen of the Markets. This is a well known early flowering Aster of a branching type, growing about 18 inches high. An excellent cut flower strain.

Crimson—Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., $1.10.
Flesh Pink—Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., $1.10.
Lavender—Pkt., 10c; ¼ oz., 35c.
Rose—Pkt., 10c; ¼ oz., 35c.
Purple—Pkt., 10c; ¼ oz., 35c.
White—Pkt., 10c; ¼ oz., 35c.
Mixed—Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., $1.10.

California Giants. The very newest thing in Asters. The most gorgeous of all. This type was developed by crossing the Crego strain with the Beauty type, resulting in a plant of vigorous growth and the Ostrich Feather type of blossom. The flowers measure 5 to 6 inches in diameter on long, sturdy stems, which make them attractive when arranged in floral work. This strain stands up well when shipped long distances.

White—Most beautiful white aster. Pkt., 20c; ¼ oz., $1.00.
Light Blue—Pkt., 15c; ¼ oz., 90c.
Rose—Pkt., 15c; ¼ oz., 90c.
Dark Purple—Pkt., 15c; ¼ oz., 90c.
Mixed—Pkt., 15c; ¼ oz., 90c; ½ oz., $1.65; oz., $3.25.

Early Beauty. While this is earlier than Late Beauty type, we do not wish to give the impression that it is an early Aster. This comes into bloom a little later than the Queen of the Market strain. This strain of Asters grows 2 to 3 feet high with long stout stems 15 to 20 inches in length, making them one of the most desirable for cut flowers.

Crimson—Pkt., 10c; ¼ oz. 60c.
Purple—Pkt., 10c; ¼ oz., 60c.
Rose—Pkt., 10c; ¼ oz., 60c.
White—Pkt., 10c; ¼ oz., 60c.
Mixed—Pkt., 10c; ¼ oz., 60c; ½ oz., $1.10; oz., $2.00.

Aster: American Mixture

This is a wonderful mixture of all types of Asters. One that will please in every respect. All colors and shades. The picture shows a field of the stock from which the seed was taken. Pkt., 7c; ½ oz., 50c; oz., 85c.

Arctotis (African Daisy). A beautiful blue annual from the Southwestern part of Africa, growing in bush form two to three feet high. The flowers are large and the color pure white on the upper part of the petals, the reverse side being a pale lilac blue. It is one of the most desirable flowers we have for cutting. Grown very easily from seed, germinating in about five days. Plants start blooming in July and continue until killed by frost. Plant in a sunny location. Pkt., 10c.

Escholtzia (California Poppy). Beautiful free flowering variety of poppy-like blooms. Yellow, orange, and red. Thrives in any garden soil. Pkt., 5c; ½ oz., 30c; oz., 50c.

NOTICE

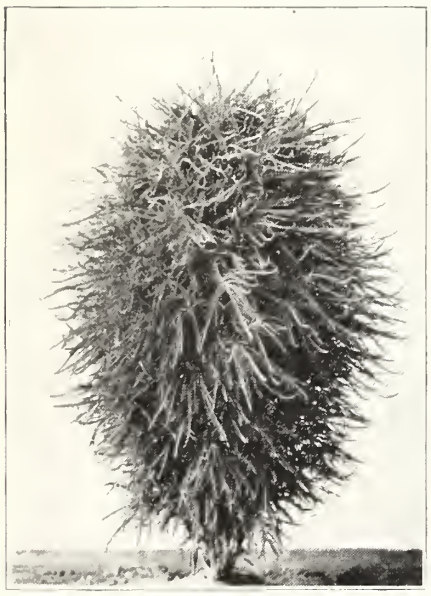
Do not plant Asters where you had them last year. They should be in a new spot in your garden. If they are repeated in the same soil year after year the soil becomes diseased and your Asters will have what is known as The Aster Yellows. This is a very important fact which should be observed.

Pyrethrum Roseum (Painted Daisy). One of the most valuable of our early summer flowering perennials, beautiful in all shades of rose and pink, flowers blooming in May and June and again frequently in August and September. Pkt., 10c.

Double Balsam (Lady Slipper). This old garden favorite produces a mass of beautiful brilliant colored double flowers around a very stiff stalk. They prefer rich soil, plenty of water, and a sunny position. Plants should stand at least 12 inches apart. All colors mixed. **Pkt., 5c; ½ oz., 30c; oz., 50c.**

Bachelor Buttons, or Cornflower (Centaurea Cyanus). A hardy annual that will reseed itself, which makes it very nice for naturalizing. Thrives in any soil and endures drought. Foliage not interesting, but flowers are very charming. All colors. **Pkt., 5c; ½ oz., 25c; oz., 45c.**

Cosmos. Double Early Flowering. This new variety grows about three feet tall, forming a bush with massed blooms. The flowers are of good size and borne on long stems. Seventy days is required from the time of planting the seed to bring them to bloom. All colors mixed. **Pkt., 15c.**



Summer Cypress or Burning Bush. The proper name of this beautiful plant is "Kochia Trycophilla." It is highly ornamental, and forms a pyramidal growth of Cypress-like appearance. In autumn the foliage becomes densely carmine-red, and is often called "Mexican Fire Plant." **Pkt., 5c.**

Imperial Sweet Sultan. This beautiful flower deserves to be in every garden. Produces large double pretty flowers in great profusion, growing on long stems, and is splendid for bouquets. It is sweet scented and admirable for garden. **Pkt., 5c; oz., 40c.**

Statice. Curious looking, fine plants, bearing flowers in panicles. Valuable to dry, as they retain color, and are admired for bouquets of everlastings, and cut flowers in summer. Mixed colors, **5c.**

Salvia Splendens. The standard bedding plant that produces a blaze of bright red blooms from mid-summer until killed by heavy frosts. Very beautiful as a hedge or border plant and particularly desirable in beds. **Pkt., 10c; ½ oz., 90c; oz., $1.75.**

Ageratum. One of the best summer blooming plants that can be grown from seed. They grow rapidly and when once they start to bloom they continue through until killed by frost. **Pkt., 5c.**

Candytuft (Iberis). Popular plant of compact, upright habit, and beautiful blossoms; unsurpassed for bedding and bouquets. Seed can be planted early in any soil. **Mixed, pkt., 5c; ½ oz., 30c; oz., 50c.**

Gilia Capitata. A graceful Annual, which grows about 2 feet tall. A fine feathery foliage. Blooms freely over a long season, blossoms about 1 inch across, lavender-blue in color. The flowers last over a long period of time after being cut, retaining their color when dry. **Pkt., 10c; ¼ oz., 25c; ½ oz., 45c.**

Coleus. Popular plants in the flower garden. They have become one of our most popular of all the border and bedding plants. Easily grown anywhere. Finest varieties, mixed, **10c.**

Cosmos. Single Early Flowering. This is a popular plant and a very strong grower, and a profuse bloomer. Both foliage and the flowers are beautiful for bouquets and vases. The seed grows readily anywhere. All best mixed. **Pkt., 5c; oz., 35c.**

Canterbury Bell (Campanula Medium). One of the interesting hardy flowers classed as a biennial. Plants grow 18 to 24 inches high, bearing beautiful cup shaped flowers, in blue, white, and pink. Particularly beautiful when planted in the hardy borders. All colors mixed. **Pkt., 10c.**

Cup and Saucer (Campanula Calycanthema). This is a very interesting specie of the Canterbury Bell. The calyx forming a saucer around the base of the bell or cup. **Pkt., 15c.**

Double Carnation. A magnificent class of beautiful and popular favorites. Most all of them are deliciously sweet with fragrance. Their colors are extremely rich and beautiful. Perfectly hardy, and nice for many years. Cannot be excelled for the house. All varieties, mixed, **pkt., 10c.**

Marguerite Carnation. Blossoms first year, with all shades of beautiful colors. It blooms all summer and fall, and can be taken up for the house, to bloom all winter. All colors, **10c.**

Didiscus or Blue Lace Flower. Long stemmed lavender blue flowers. This interesting annual plant blooms freely from July until November. The plants grow about 18 inches high and have as many as fifty flowers open at a time. **Pkt., 10c.**

Aquilegia. Long Spurred (Columbine). These are one of the most beautiful hardy perennials that we have, producing beautiful flowers on 2 foot stems. They are easy to establish and thrive in almost any situation. However, they do better if sheltered a little from the full sun. Mrs. Scott Elliott's Strain. **Pkt., 10c; ⅛ oz., 30c; ¼ oz., 50c; ½ oz., 90c; oz., $1.65.**

Chinese Woolflower (Celosia Childsii). An annual. The plants grow two to three feet high, the bloom starting early with a central globular head which often reaches size of two feet in circumference. Scores of branches are thrown out, each having a ball of scarlet wool. Blooms do not fade until frost. They can be cut and dried and used for winter bouquets. **Pkt., 10c; ⅛ oz., 45c; ¼ oz., 80c.**

Portulaca. (Rose Moss.) A low growing plant that will thrive and bloom profusely in a hot, dry location. Adapted for rock work edging, etc. Seed should be mixed with a little sand when sown so as to have an even distribution. Sow in May when the ground is warm. Double and single mixed. **Pkt., 10c; ¼ oz., 50c; oz., $1.75.**

Perennial Pea. A very interesting pea-like flower which blooms continually from spring until fall. Very beautiful in bouquets. This variety is very hardy, will last for years. **Pkt., 10c; oz., 75c.**

Cockscomb. (Celosia.) A very pretty interesting annual producing large comb-like heads. Very showy in the late summer and fall. **Pkt., 5c; oz., 40c.**

SHUMWAY'S PETUNIAS

There is no annual that has a greater range of color and blooms more freely than the Petunia. Very attractive in beds or porch boxes. **Blotched and Striped.** Pkt., 7c; oz., 50c.

Rosy Morn. A very pleasing clear pink with a white throat particularly desirable in window boxes. Pkt., 10c.

Scarlet Beauty. Scarlet fringed. Pkt., 20c.

Elk's Pride. Plain edged, immense size, blackish purple. Pkt., 20c.

Giants of California. These flowers are very large and the colors are of every conceivable shade of crimson, white, violet, lavender, pink, etc. Without doubt one of the most gorgeous strains of petunias produced. Flowers averaging 5 to 7 inches across. Pkt., containing about 250 seeds, 20c.

The Balcony Varieties

Particularly adapted for window or porch boxes.

Balcony Rose. Rose-pink in color. Pkt., 15c.

Balcony Deep Blue. Pkt., 15c.

Mixed Double Petunia. A particularly choice mixture of large flowering fringed double Petunias. No one can expect from seed to secure all double flowers, as this has never been known. However, thirty to thirty-five per cent will show double and the balance exceptionally large fringed flowers of very beautiful markings and veining. Very choicest mixture. Pkt., 20c.

Double Marigold (Tagetes). Very finest class of hardy annuals. Always desirable, because all the flowers are very double, large, and exceedingly beautiful. It gives the greatest satisfaction in any kind of soil. Great improvement over the old sort. All varieties, mixed. Pkt., 5c; ½ oz., 25c; oz., 40c.

Snapdragon (Antirrhinum). There are few flowers that can compare with the Snapdragon for gorgeous coloring. Flowers are of large size, very fragrant, and borne on long stalks. They are easily raised from seed in any rich soil in a sunny location. A mixture of all colors. Pkt., 5c; ½ oz., 30c; oz., 50c.

We offer the following in separate colors:

Antirrhinum (Snapdragon) (Nanum). These are the semi-tall varieties measuring 18 to 20 inches. Very desirable for bedding, as they do not need staking.

Silver Pink. A delicate rose-pink. Pkt., 15c.

Firebrand. Fiery orange-scarlet. Pkt., 15c.

Calendula. (Cape Marigold). This is one of the best and showiest free flowering hardy annuals known, growing in any good garden soil making a very beautiful effect all summer long continuing in bloom until killed by frost. Pkt., 5c; ½ oz., 25c; oz., 40c.

The Ball. (Florist's Strain). Orange in color with a little lighter center, particularly adapted for forcing. Pkt., 15c; oz., $1.00.

Ball's Gold. Dark golden yellow. Used for the same purpose as the above. Pkt., 15c; oz., $1.00.

Helichrysum. Are lovely everlasting flowers, and very ornamental in the garden, and are much admired for the beauty of their flowers when dried. Gather them when first open. They retain color for years. Mixed, packet, 5c; oz., 35c.

Cardinal Climber. A very attractive strong and rapid grower, attaining a height of 25 feet with beautiful fern-like foliage, literally covered with a blaze of fiery cardinal flowers from mid-summer to frost. The flowers are about an inch in diameter and borne in clusters, 5 to 7 blooms. Should be planted in a warm, sunny situation and good, rich soil. The seed should be soaked in water a few hours before sowing and not planted outside until about the tenth of May. Pkt., 10c.

Scabiosa or Mourning Bride. Commonly known as the Pin Cushion Plant. The stems are long and the blooms keep well after picking. If kept picked this annual will last through the whole summer. The delicate colorings predominate. Pkt., 5c; ½ oz., 30c; oz., 50c.

Annual or Double Larkspur. These are very effective in borders and planted amongst shrubs. The spikes of bloom are very desirable for mixed bouquets. They continue flowering over a long period. Sow seed in the open ground either in the late fall or early spring so that germination might take place as early in the spring as possible. Pkt., 5c; ½ oz., 30c; oz., 50c.

Salpiglossis. This is one of the most attractive annuals and should be in every garden. The blossoms one might say are Petunia shaped but each flower is veined with a trace of gold and is the only one we know of possessing this odd characteristic. The blooms are beautifully marked in all shades of yellow, pink, brown, purple, wine, etc. No annual garden complete without them. Pkt., 10c; ½ oz., 45c; oz., 90c.

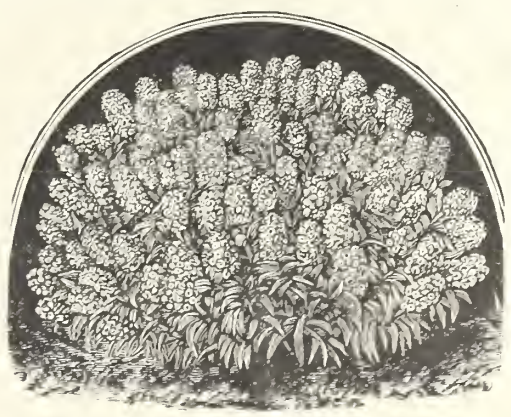
Love Lies Bleeding. Has long drooping panicles, or fine chains of flowers; very attractive, giving a garden an imposing, graceful appearance. Well adapted to any soil, location or climate. Pkt., 7c.

Nasturtium. No annual excels the Nasturtium for a long period of bloom and easy culture. They need a sunny location but do not depend entirely on rich soil.

Tall. All Colors Mixed. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c.

Dwarf, mixed. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c.

Double Poppy. This beautiful annual gives the effect of being a large feathery ball. They are very beautiful and showy and add materially to the landscape. Pkt., 10c; oz., 60c.



Sweet Alyssum. Pretty, white annual plants, nice for beds, edgings or rock-work. Very sweet scented, beautiful for mixing in bouquets when white flowers are required. Florists use large quantities of it. Pkt., 5c; oz., 35c.

GARDEN PINKS

Double Japan. A variety that will blossom freely the first season and being very hardy will establish itself and blossom on for many years. Excellent as a cut flower. Pkt., 10c; ½ oz., 40c; oz., 75c.

Double Diadem. These are also hardy and have very brilliant coloring. Double flowers that are mottled, fringed, striped, and spotted. Pkt., 10c; ½ oz., 40c.

Picotee. A favorite and well known plant of greatest beauty; combining with the finest form, the richest and most beautiful colors. They have a most delicate perfume; blooms profusely; easily cultivated, growing readily in any soil. Hardy perennials. All the finest varieties, mixed colors, pkt., 10c; ½ oz., 40c; oz., 75c.

Double China Pink (Dianthus Chinensis). A class of beautiful hardy pinks. They blossom well the first year, and for many years thereafter. They are favorites for bouquet making, and the plants are perfectly hardy in all climates. Are popular in gardens. Mixed. Pkt., 10c; ½ oz., 45c; oz., 85c.

Poppy, American Legion. One of the most beautiful satiny annual Poppies in existence. The color is a dazzling orange-scarlet of giant size carried on large vigorous stems. Pkt., 15c; ½ oz., 40c; oz., 75c.

Shirley Poppy. The flowers are single, very beautiful and satiny in various colors, the centers of which are white. The foliage is finely cut and hairy in appearance. Pkt., 7c; oz., 50c.

Swiss Giant Mixture. A superb new strain producing flowers of gigantic size, great substance, perfectly round and in the most novel color combinations never before found in Pansy flowers. The plants are very robust in growth. If you are looking for the unusual in Pansies you should not fail to try this strain. Pkt., 35c; ⅛ oz., $3.00; ¼ oz., $5.50.

Mammoth Exhibition Mixture. A blend made up of the largest flowering pansies obtainable. The flowers are round, solid and of gigantic size, including the shades of red, rose, carmine, ruby, in fact all colors known to the Pansy family. Pkt., 20c; ½ oz., $1.80; 1 oz., $3.50.

Pansy (Giant Trimardeau). Every one admires this as one of the finest in cultivation. They cause expressions of admiration from every beholder. It blossoms freely the first season, and for many more, as they are perfectly hardy. Nice for the house. A shady location is the most satisfactory. They make the prettiest bouquets of all flowers. Mixture of all varieties. Pkt., 10c; ½ oz., 75c; 1 oz., $1.40.

Pansy (Giant Trimardeau) in Separate colors.

Adonis, bright blue, Pkt., 15c.
Candidissima, snow-white, Pkt., 10c.
Goldelse, pure yellow, Pkt., 10c.
Cardinal, brilliant red, Pkt., 10c.
Indigo, blue, Pkt., 10c.
Lord Beaconsfield, upper petals light lavender, lower rich purple, Pkt., 10c.
King of the Blacks, very choice, Pkt., 10c.
Saint Knud, golden orange, Pkt., 15c.

Dahlia Flowered Zinnia. The plants of this new specie are very sturdy and produce many flowers with strong stems. The broad petals are closely imbricated, sometimes seeming almost to be piled upon each other. The flowers often measure 4 inches deep and 6 to 8 inches in diameter. The general appearance of these flowers compares with the Show Dahlias. The colors are very unusual, all shades but odd hues. Mixed. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., $1.75.

Crimson Monarch. By far the largest and best of the red strain, flowers often 8 inches in diameter. The plants are very vigorous. Pkt., 15c.

Exquisite. One of the most pleasing of the collection, very large light rose in color with center a deep rose. (Tyrian Rose.) Pkt., 15c.

Oriole. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named. Pkt., 15c.

Dream. A fine, deep lavender, turning to purple. (Mallow Purple.) A new desirable shade in Zinnias. Pkt., 15c.

One packet each of the four varieties for 50c.

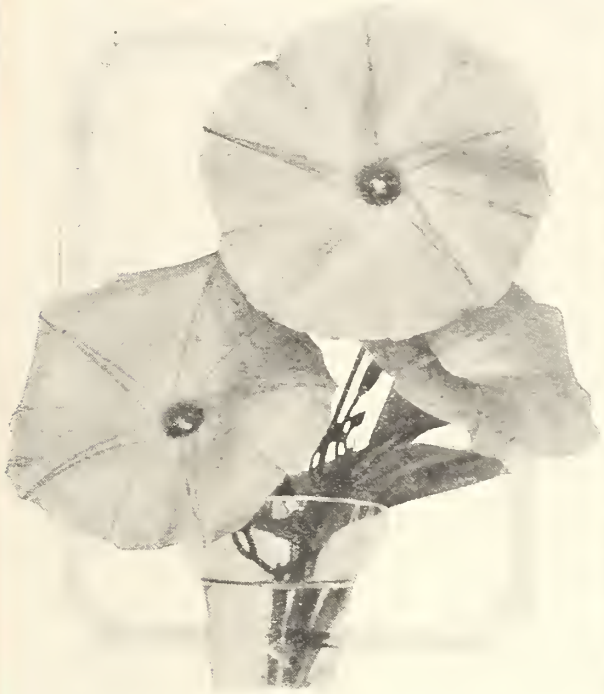
Sweet William (Dianthus Barbatus). A grand and a very well known and exceedingly beautiful and valuable class of hardy perennials. The massive trusses of brilliant and dazzling flowers, are a magnificent sight to behold. Double and single choice mixed all colors. Pkt., 5c; ½ oz., 25c; oz., 45c.

Fuchsia. A well known greenhouse plant that will bloom the first year if planted early. Seed cannot be sown in the open ground. Double and single mixed. Pkt., 20c.

Perennial or Oriental Poppy. A perennial, and the seeds can be sown at any time of the year. It has very pretty foliage and the flowers are a blaze of beauty and brightness, and it is a rare sight to behold in any garden. All varieties mixed. Pkt., 10c.

Gaillardia (Blanket Flower). This valuable perennial has a very long flowering period from June till October. Blossoms a bright yellow with maroon centers, are very attractive and gay. Easily grown in ordinary soil, as beds or borders. Pkt., 10c.

Adonis. A plant with very pretty foliage and brilliant scarlet flowers. Desirable for mixing in bouquets, as its foliage is very fine and feathery. Pkt., 5c.



Moon Flower. (Grandiflora.) A climber of very rapid growth blooming at night and dull days. The vines are literally covered with large pure white fragrant flowers 5 to 6 inches across. Seed should be soaked in warm water for 24 hours before planting. The seed, the size of a pea, should be notched with a file before soaking. **Pkt., 10c; oz., 25c.**

Perennial Phlox. One of our most beautiful perennial plants for borders. Very hardy and roots may be divided after the second or third year. All colors mixed. **Pkt., 10c.**

Verbena. It is one of the most popular garden annuals, easy of culture and will blossom the entire summer. Particularly fine for borders and beds. All colors mixed. **Pkt., 7c; ½ oz., 40c; oz., 75c.**

Double Paeonias. Rich and beautiful, and have become indispensable to the garden. Some of them will begin to bloom in the early spring, while others will finish with the summer rose. They are very hardy, and admirably adapted to the climate of northern states. Grows readily in every locality if given opportunity. Mixed. **Pkt., 10c; oz., 75c.**

Tritoma (Red Hot Poker). Showy border plants throwing a bloom very compact in form on stout stems. Blossoms are a brilliant orange-red. If left in a protected spot in the garden, they will live over; however, it is well to dig the roots and store in sand for the winter. **Pkt., 10c.**

Double Dwarf Sunflower. (Helianthus.) Ornamental on account of their steady growth, and very fine, attractive appearance. Dwarf sorts do not grow high. Hundreds of flowers on each stalk, and continues in bloom a long time. Very beautiful. All double varieties mixed. **Pkt., 5c; oz., 25c.**

Hibiscus. (Also called Marshmallow or Rosemallow.) The flowers are of enormous size, often 10 to 12 inches in diameter. The colors are in a rich dark red, mallow-pink and pure white; the plants grow from 5 to 8 feet high carrying a great many blooms, blooming from early July until late in the autumn. This is a perennial and is perfectly hardy. All colors mixed. **Pkt., 10c.**

Honesty. (Lunaria.) This bears racemes of beautiful purple flowers. The silvery seed pouches are pretty, curious ornaments for winter bouquets. **Pkt., 5c.**

Solanum. A beautiful miniature evergreen tree, which bears perpetually great numbers of ripe and green fruit (not edible), and it blossoms freely the whole year. Their scarlet fruit makes them very desirable for both house and to set on the lawns in the summer. **Pkt., 5c.**

Salvia (Coccinea). Excellent for bedding or borders. Very nice for bouquets, either alone or mixed with other flowers. **Pkt., 10c.**

Job's Tears. (Coix Lachryma.) It has large, smooth, glossy seeds, hanging pendulous. Is fine mixed with everlastings. **Pkt., 5c; oz., 20c.**

Euphorbia. The foliage is beautifully variegated with silvery white and green, which makes it very showy in the garden or mixed in cutflower bouquets. **Pkt., 5c.**

Ten Weeks Stock. One of the most beautiful and fragrant of all the annual flowers. The flowers are arranged on long stiff stalks like small rosettes. The colors are of the soft hues, making them very attractive in bouquets. All colors mixed. **Pkt., 7c; ½ oz., 30c; oz., 50c.**

Giant Zinnia. One of the most brilliant and the most showy annuals grown. It is a universal favorite, and flowers are as double and as brilliant as Dahlias. A beautiful free-flowering plant all summer and fall. Can be trimmed to any desired shape and blossoms continuously. Choice mixed. **Pkt., 5c; oz., 60c.**

Zinnia Elegans. This strain of Zinnia is more bushy than the Giant or Dahlia Flowered, flowering more freely. With this feature in mind one can readily see that they can be planted to an advantage in solid beds or used in edging. The blossoms are about the size of a half dollar, the colorings are very beautiful. The ideal Zinnia to be used in cutting for bouquets. **Pkt., 10c; ½ oz., 45c; oz., 80c.**

Foxglove (Digitalis). One of the stately garden favorites which are very beautiful in shrubbery borders, growing 3 to 4 feet high. One of our most beautiful perennials. **Pkt., 10c.**

Double Hollyhock. A perennial that is desirable for a background or to shut off some unpleasant view. Stately spikes carrying many blooms add to the garden beyond description. **Pkt., 10c; ½ oz., 40c; oz., 75c.**

Globe Amaranth, or Gomphrena. Beautiful and useful, everlasting. Some call it English Clover. Gather the heads before fully expanded to dry for winter bouquets. They expand in drying, and preserve an intensely bright color, which is preserved for years. All colors, mixed. **Pkt., 5c.**

Chinese Primrose (Primula Sinensis). A very charming and profuse flowering plant. Is indispensable for winter and spring decoration in house and conservatory. Florists have great demand for them. Fine European selection. Mixed. **Packet, 10c.**

Heliotrope. Profuse flowering plants; deliciously fragrant. Is splendid for bedding; ribbon-borders; vases, or house culture. Seeds sown in spring will be fine for summer and fall decorations. **Choice mixed, pkt., 5c.**

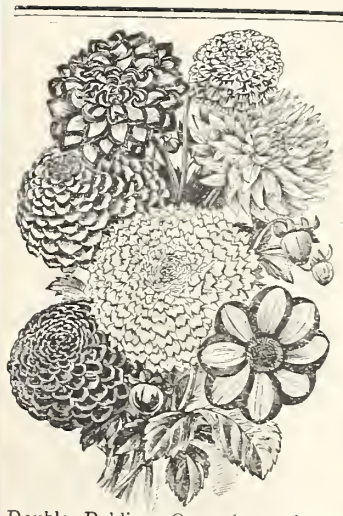
Acroclinum. A beautiful everlasting flower bearing blooms, daisy-like in shape. Bright rose and delicate pink in color. Cut when in bud, and as they dry out will expand to full size. **Pkt., 7c.**

Cyclamen. One of our most beautiful and prized house plants, with beautiful foliage and richly colored flowers. They may be successfully grown with a little care and patience, transplanting as the plant develops. Do not attempt to grow this out of doors. Extra choice exhibition mixture. **Pkt., 15c**

Chrysanthemum. This single flowering annual strain is very showy and effective in gardens. They are extensively grown for cut flowers. Plants are about 2 feet tall, bearing blooms, daisy-like in formation, on exceptionally good stems. They are entirely distinct from the hardy perennials which are the autumn flowering varieties. This strain bears profusely all summer long. **Pkt., 10c; ½ oz., 35c ; oz., 60c.**

Calliopsis, or Coreopsis. Their colors are bright and strikingly rich and beautiful, and the flowers are numerous, and are very brilliant. Admired for bouquets. Choicest colors, mixed, **pkt., 5c; oz., 35c.**

Lupins (Lupinus). Free flowering annuals growing about 2 feet tall; produces spikes of various colored pea-shaped flowers. Desirable for mixed borders and for cutting. Mixed. **Pkt., 6c; oz., 50c.**



Double Dahlia. One of our best summer and fall flowering plants. Blooms the first year if started early. Protect the roots in a dry cellar during winter. It is in its greatest glory at the time so many others are fading. All the finest. Mixed. **Packet, 10c.**

Double White Feverfew. A very handsome, and a free flowering plant, succeeding in any soil. Is fine for both the house, and the open ground. Finest imported, pure double white, which will produce the most beautiful display of any herbaceous plants. They make beautiful bouquets, and can be grown almost anywhere. **Pkt., 5c.**

Nigella (Love-in-a-mist). A very curious and beautiful free flowering plant, and grows readily in any location, or any of our garden soils. The foliage is fine and pretty. Sprigs are nice to mix in bouquets, etc. All colors, mixed. **Pkt., 5c.**

Double Clarkia. An easily grown annual which has gone through decided improvements in recent years. This pretty flower will do well either in the sun or shade, growing 2 to 2½ feet tall. **Pkt., 10c; ½ oz., 30c; oz., 50c.**

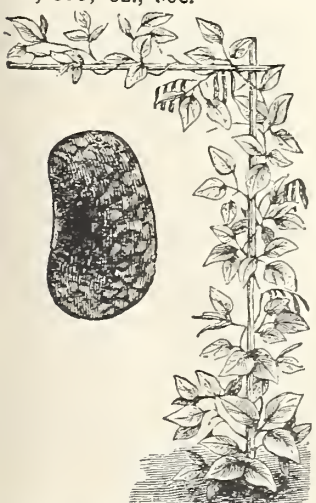
Gloxinia. Superb variety of finest green-house plants, producing in greatest profusion, the most splendid, lovely, beautiful flowers, of the richest and most beautiful colors of our valuable house plants. Finest varieties, mixed. **Packet, 15c.**

Linum. (Blue Flax.) A very dainty perennial, bearing flowers continuously during the flowering season. The plants grow 24 inches high, having a lacy foliage. **Pkt., 7c.**

Scarlet Flax. Also known as the Dwarf Flowering Flax. One of the most showy, brilliantly colored summer annuals. The flowers, dazzling red in color, are borne in profusion from May to October by making successive sowings. **Pkt., 5c.**

Lantana. Charming plants, with brilliant rosettes of blossoms, in all the various hues of pinks, purples, orange, etc. Is excellent either for house culture or open ground. Remarkable for their free flowering. Constantly changing their color. **Mixed, pkt., 5c; ½ oz., 30c; oz., 50c.**

Sweet Mignonette. Particularly desirable for its fine, sweet, fragrant odor, for which it is so much admired, for mixing into bouquets. Exceedingly popular, and is used largely by Bee Keepers for a honey-producing plant. Every variety, mixed, pkt., 5c; oz., 25c; ¼ lb., 75c.



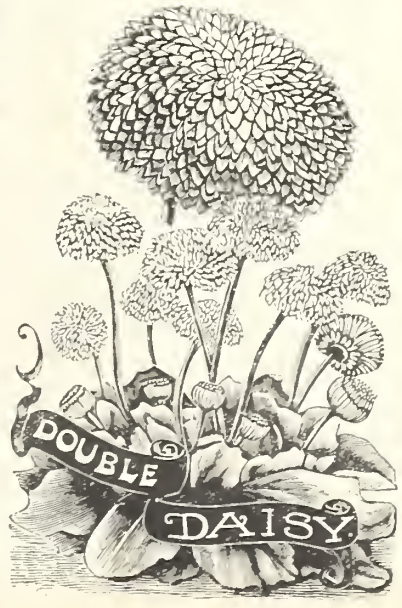
Scarlet Runner Pole Beans. A variety of bean that we are listing with the flower seeds, as they are worthy of consideration in this department. Rapid growers with clusters of dazzling scarlet flowers. Beans make a very desirable shell variety for table use. **Pkt., 5c; ½ lb., 30c; lb., 50c.**

Geranium. These flowers have no rivals for bedding or window boxes. They grow readily from seed the first year producing blooming plants the first summer providing the seed is started early in the house. All choicest varieties mixed. **Pkt., 10c.**

Canary Bird Flower. The popular name given this pretty annual alludes to its supposed resemblance to birds with wings expanded. Valuable trailer and climbing vine. They bloom all the summer and fall. It grows well in any warm, sunny situation. Easily trained to run in any direction you desire. **7c.**

Double Daisy. A well known plant, being perfectly hardy, therefore desirable for flower borders in which it will last for many years, if left undisturbed. Finest double mixed. **Pkt., 10c.**

Adlumia. Very fine hardy climber; very prettiest foliage; never winter-kills. Called Mountain Fringe, or Alleghany Vine. **Pkt., 10c.**



Delphinium or Perennial Larkspur. One of our most loved and highly prized perennials with spikes of flowers in all the shades of lavender, blue, and purple. This is one of our showiest flowers in the borders during June and first part of July. No garden is complete without a generous planting of them. Choicest mixed. **Pkt., 10c.**

Gypsophila. (Baby's Breath or Angel's Breath). A graceful fairy-like flower which is in great demand for cutting and combining with other flowers for bouquets and vases. **Pkt., 5c; ½ oz., 20c.; oz., 35c.**

Cobaea. (Cobaea Scandens). One of the most beautiful and rapid growing climbers. With very large purplish lilac bell-shaped flowers. It is a very rapid grower, and consequently is well adapted during our summers to the warmest and the sunniest situations out of doors. The seed should be sown edge-wise. **Pkt., 10c.**

Ipomopsis (Tree Cypress). A handsome plant with a fine feathery foliage like Cypress Vine. It has long spikes of very beautiful, dazzling scarlet fine spotted flowers. Will thrive in any soil. **Pkt., 5c; oz., 25c.**

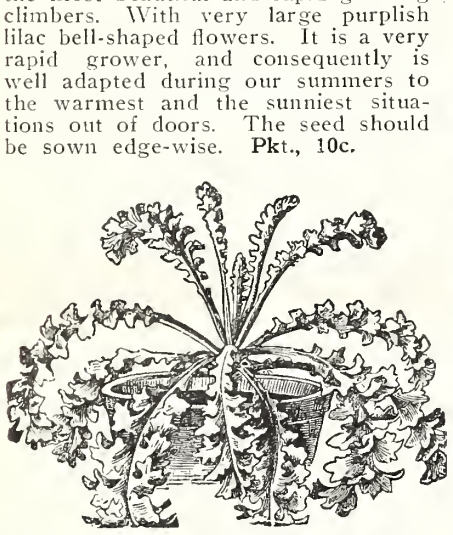
Double Wallflower. Flowers are deliciously fragrant, and prized for their large spikes of massive double flowers. They produce a charming effect by profuse blooming. Finest mixed colors. **Pkt., 10c.**

New Imperial Japanese Morning Glory. A new mammoth class of noble flowers. Grows 20 feet by midsummer. Rich, dark green leaves, marbled a silvery-white and yellow. Giant size flower and continues in bloom until destroyed by frosts. Mixed. **Pkt., 5c; oz., 25c.**

Cypress Vine. (Ipomea Quamoclit). A splendid climbing annual, with finest beautiful foliage. Pretty little flowers. Mixed. **Pkt., 5c; oz., 35c.**

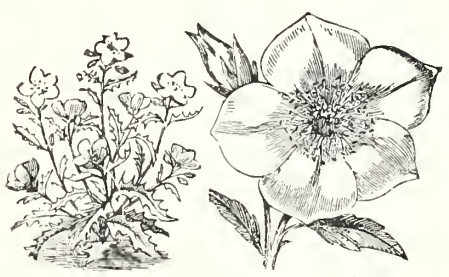
Musk Plant. (Mimulus Moschatus.) A very interesting house plant; very fragrant musk-scented leaves. Blooms are yellow. **Pkt., 10c.**

Cactus. Very curious, odd looking, strange species of plants which will thrive anywhere with little or no care. But little watering is required. The flowers are of exquisite beauty and delicious fragrance. Expressions of wonder and admiration greet them. All mixed. **Packet, 10c.**



Dusty Miller (Centaurea Gymnocarpa). One of the prettiest of ornamental leaved plants. The leaves are white and beautiful for vases, edgings, ribbons, and to mix with cut flowers. **10c.**

Losphospermum. Class of beautiful, ornamental climbers, with handsome, showy, Fox-glove-like flowers. Nice for hanging baskets. Mixed. **Pkt., 5c.**

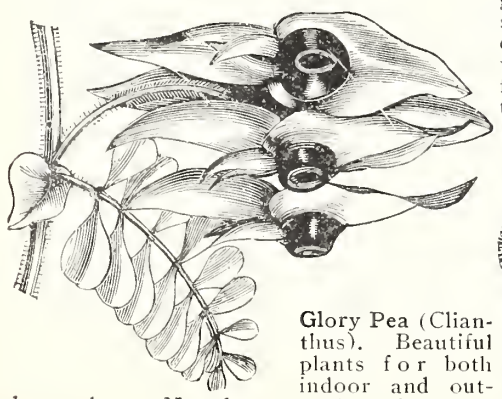


Golden Bartonia. One of the showiest annuals desirable for beds and borders. Producing golden yellow flowers. The foliage is thistle-like and gray. Very striking in the sunshine. Plant the seed where wanted in the garden, as they will not stand transplanting. **Pkt., 5c.**

Swan River Daisy. A free flowering dwarf growing annual. A greater part of the summer the plants are covered with blue or white flowers, suitable for edgings or pot culture. **Mixed, 5c.**

Rhodanthe. A delicate charming everlasting. Requires a light, rich soil in a warm, sheltered garden spot. Beautiful for winter bouquets. Mixed. **Pkt., 5c.**

Trumpet Creeper. Rapid growing, and hardy climbing vine; covered in summer and fall with great, large clusters, which present beautiful masses of bloom. **Pkt., 10c.**

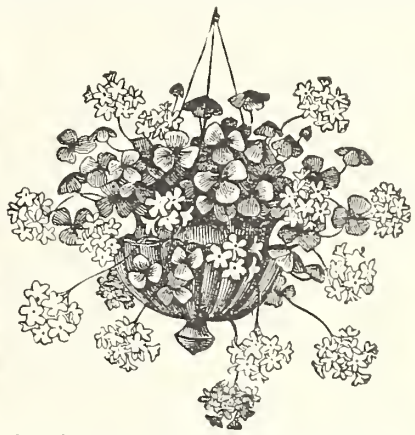


Glory Pea (Clianthus). Beautiful plants for both indoor and outdoor culture. Neat leaves, and has immense drooping clusters of scarlet flowers. **10c.**

Saffron. Pretty orange flowers which deserve a place in every garden. Flowers useful in medicine. **Pkt., 5c; oz., 25c.**

Fountain Plant. (Amaranthus Salicifolios.) A beautiful annual, peculiar in form and color. The foliage is willow leaved, shaded with orange, bronze and crimson. Very interesting, plants growing readily. **Pkt., 5c.**

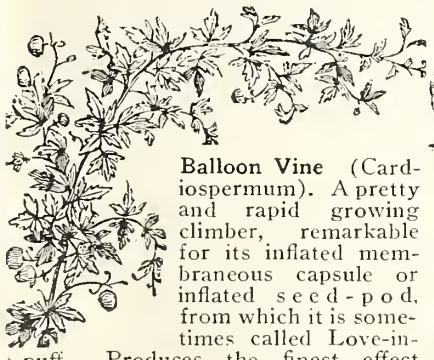
Thunbergia. A profuse flowering annual of trailing habit. Colors all shades of yellow and orange to pure white, with jet black centers or eyes. **Mixed, pkt., 5c.**



Oxalis. A beautiful little flower for edgings or pots, also to be used in hanging baskets. Flowers are pink, yellow and white, foliage a dark bronzy green. All colors mixed. **Pkt., 5c.**

Calceolaria. (Pouch Flower). The remarkable beauty of this flower makes it indispensable for greenhouse decoration. Blossoms are borne in great profusion in beautifully spotted and tigered colorings. Choicest varieties, all colors mixed. **Pkt., 15c.**

Canna. These are usually planted from roots or started plants but they can be successfully grown from seed if planted early. The seed should be pierced in one spot with a file and soaked in lukewarm water for 24 hours before sowing. Enormous blooms carried on spikes above broad leaves of green or bronze, makes a beautiful tropical effect in the garden. **Pkt., 10c; ½ oz., 30c; oz., 50c.**



Balloon Vine (Cardiospermum). A pretty and rapid growing climber, remarkable for its inflated membraneous capsule or inflated seed-pod, from which it is sometimes called Love-in-a-puff. Produces the finest effect when grown on a small bush or trellis. **Pkt., 5c.**

Four o'Clocks. (Marvel of Peru.) An old fashioned flower of bushy habit. Flowers of white, yellow, violet and crimson, borne in great quantity all during the summer. This makes a very attractive hedge plant. The glossy foliage dotted with hundreds of flowers make an attractive sight. All colors mixed. **Pkt., 5c; oz., 25c.**

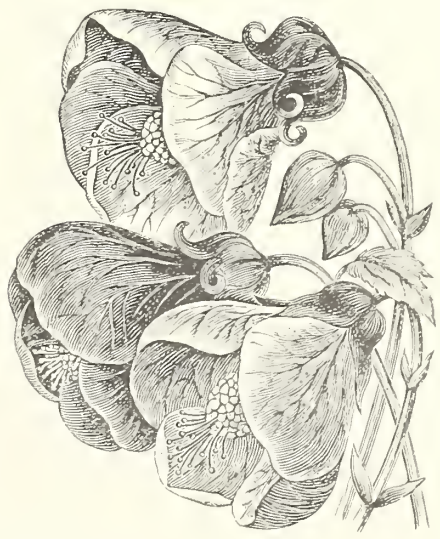
Cineraria. A well known favorite and free-flowering plant for the Home and Greenhouse. They may be had in splendid bloom, through the greatest portion of the year. Very easily grown. All large-flowering sorts. Mixed. **Packet, 10c.**

Ice Plant (Mesembryanthemum). A singular plant of spreading habit, and very effective in beds, rockwork, or hanging baskets, etc. The plants have a peculiar icy foliage, and the sun gives to them the appearance of being covered with icy crystals. The flowers are white and pink. **10c.**

Lobelia. This charming plant forms a compact bush about 6 inches high that is practically covered throughout the season with dainty blue flowers. Very desirable for edgings, ribbon bedding and general garden culture, also can be used for pot culture. They flower the first season from seed. **Pkt., 10c.**
Crystal Palace Compacta. Dark blue strain with bronze foliage; particularly desirable for edging beds. **Pkt., 10c.**

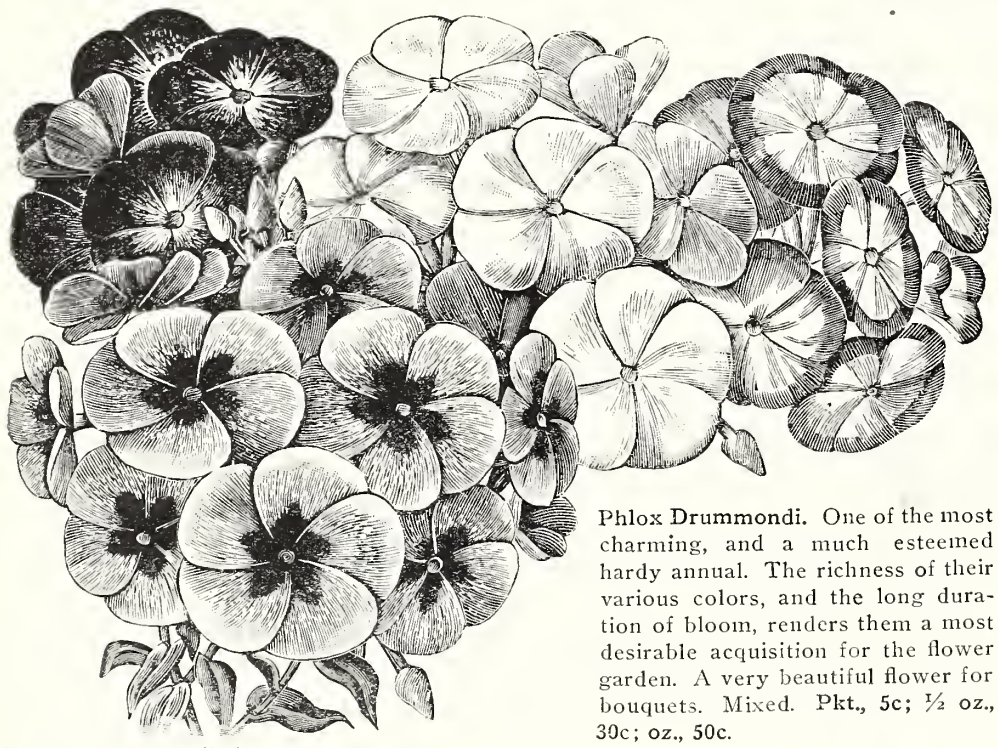
emone. (Wind Flower.) Beautiful hardy ennial which blossoms very early in the ing. Large attractive blooms of a great iety of colors, fine mixed. **Pkt., 7c.**

A hardy annual growing about 2 feet high, branching freely and producing flowers similar in shape and color to the Forget-me-not, but the flowers are larger. Blooms all summer. **Pkt., 5c.**



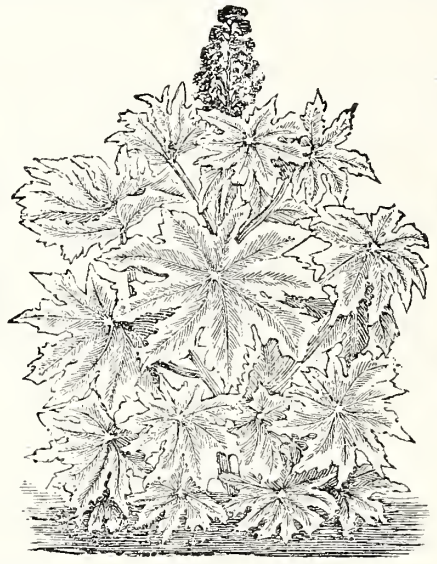
Abutilon. Large flowering. (Flowering Maple.) An easily grown flower for indoor use. Leaves are very ornamental and often variegated. Flowers are bell-shaped, borne the year round. Very interesting and beautiful. **Pkt., 15c.**

Catchfly. (Silene). Showy free-flowering hardy annuals; fine for beds, borders, bouquets. Succeeds in any soil. Grows about one foot high. It is very nice to mix with other flowers when making bouquets. Succeeds everywhere. **Mixed, double, and single, pkt., 5c.**



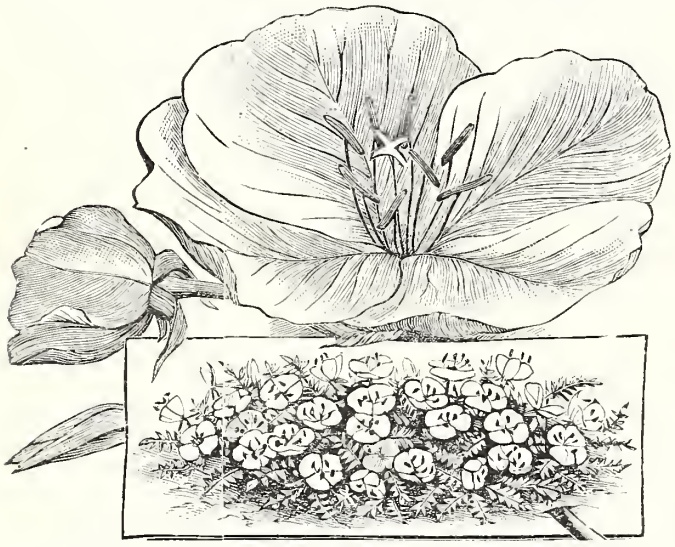
Phlox Drummondi. One of the most charming, and a much esteemed hardy annual. The richness of their various colors, and the long duration of bloom, renders them a most desirable acquisition for the flower garden. A very beautiful flower for bouquets. Mixed. **Pkt., 5c; ½ oz., 30c; oz., 50c.**

Phlox Drummondi, in separate colors.
Alba, white. **Violet.**
Coccinea, fiery red. **Leopoldi,** rose-pink, white eye.
Isabellina, yellow. **Atroviolcea,** dark violet marbled.
Any of the above packets, **10c; ½ oz., 60c; oz., $1.00.**



Castor Bean (Ricinus). Ornamental foliage; stately growth; showy fruit; gives a tropical appearance. Give a warm, sunny situation. Large varieties, mixed. **Pkt., 5c; oz., 20c.**

Double Sanvitalia. A beautiful plant of spreading habit, and completely covered with double, golden flowers. Useful both in fresh and dried bouquets, and for beds, borders, or rock-work. Any soil will do. **Pkt., 5c.**



Evening Primrose (Enothera). Fine border plants of easy culture. Succeeds well in any soil. If sown early they blossom the first season. Hardy. Mixed. **Pkt., 5c; oz., 25c.**

Passion Flower (Passiflora). Hardy and handsome climber, grows rapidly, blooms freely, rivals most vines in size, color and a profusion of blooms. Surpasses many in growth and sweet fragrance. **Pkt., 7c; oz., 45c.**

Sensitive Plant. An attractive annual grown as a curiosity. Decidedly a race of curious plants, from the fact that when slightly touched, its leaves close sensitively, hence name. **Pkt., 5c; oz., 25c.**

Ostrich Feather Celosia. This forms a large, beautiful plant of pyramidal form, and bears numerous massive plumes resembling Ostrich Feathers waving most gracefully above the foliage which makes it effective and beautiful in the garden or lawn. **Pkt., 5c; oz., 25c.**
Japan Cockscomb. Leaf is scarlet or crimson, with delicate cut comb. Bright scarlet hue; resembles Coral. Fine as ruffled lace. **Pkt., 5c.**

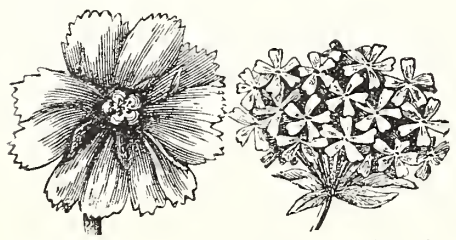
Collinsia. A free flowering hardy annual, growing 18 inches high. The plants grow in clumps and flowers grow in great profusion in rows around the stalks. All colors mixed. **Pkt., 7c.**

Helipterum. A beautiful everlasting; fine for summer blooming and for winter bouquets. Is splendid for borders. Hardy annual, and is a native of Australia. Mixed colors. **Pkt., 5c.**

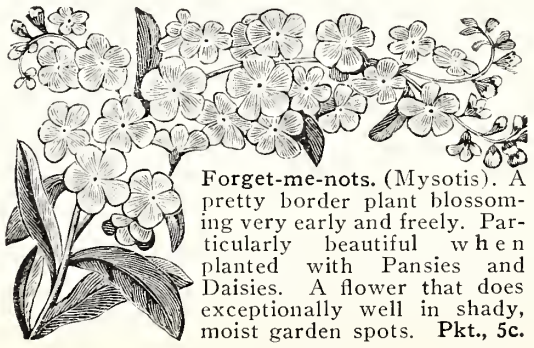
Agrostemma. Attractive, hardy perennial of easiest culture, produces immense amount of rosy and white flowers. Blossoms the first year, and produces a very fine effect. Mixed. **Pkt., 5c.**

Ammobium. Another Everlasting. Pure white, grows freely in any garden soil. Very showy in borders where pure white is desired. **Pkt., 5c.**

Venus' Looking-Glass. Is a neat, hardy, free flowering class of plants blossoming the first year, and for every season thereafter as a perennial. Flourishes nicely in any of our most common garden soils. **Pkt., 5c.**



Lychnis. A hardy perennial blooming from June to August flowers that are of a very fiery red. Will blossom the first year if sown early. **Pkt., 7c.**

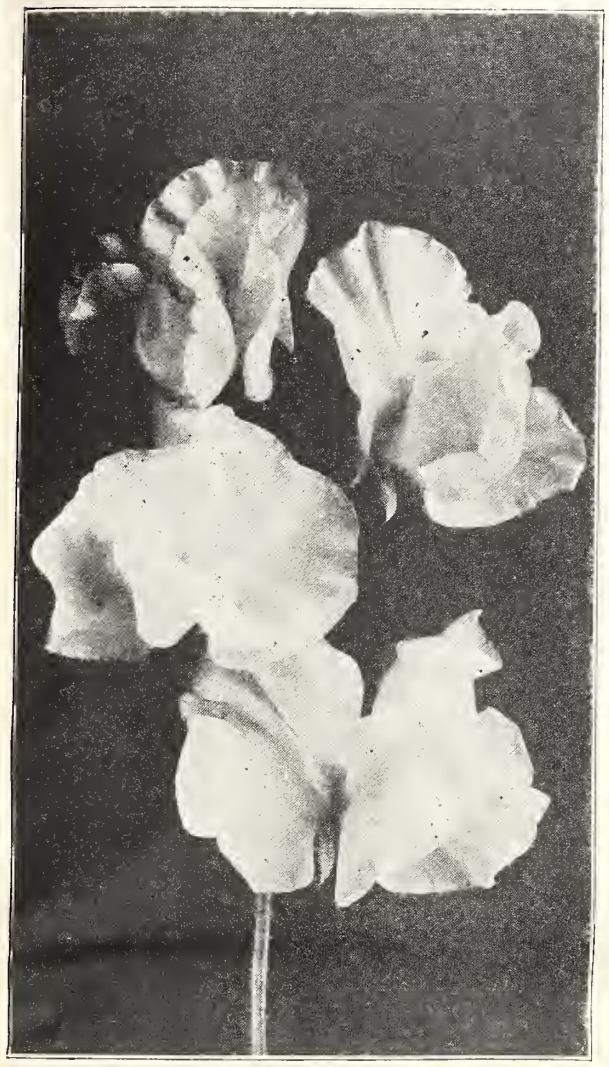


Forget-me-nots. (Mysotis). A pretty border plant blossoming very early and freely. Particularly beautiful when planted with Pansies and Daisies. A flower that does exceptionally well in shady, moist garden spots. **Pkt., 5c.**

Hyacinth Bean (Dolichos). Beautiful climbing plant with elegant flowers, and the prettiest seed-pods, being a beautiful purple, shining as though freshly varnished. **Pkt., 5c; oz., 25c.**

Double Sweet Rocket. Fragrant and a beautiful perennial. Perfectly hardy and blooms freely. Large clusters of beautiful flowers. Mixed. **Pkt., 5c.**

Spencer Sweet Peas



MARY PICKFORD
A beautiful dainty cream pink with a faint suffusion of salmon making a delightful color combination hard to surpass. Flowers beautifully frilled, usually 4 to each stout stem. **Pkt., 15c; oz., 50c.**

MISS CALIFORNIA
A distinct shade of rich salmon pink with standard and wings of precisely the same tone. The individual flowers are large and are borne in sprays of four on long, stout stems. **Pkt., 10c; oz., 35c.**

CRIMSON KING
In color this outrivals all other crimson sweet peas. A rich solid clear crimson, stems average 16 to 18 inches long, bearing 3 or 4 large fine blooms. **Pkt., 10c; oz., 30c.**

MRS. TOM JONES
A deep amethyst blue in color. Beautifully waved flowers are very large and are borne on stems generally 4 to a spray. **Pkt., 10c; oz., 30c.**

CAMPFIRE
The brightest, clearest and distinctly sunproof of all scarlet varieties. Flowers of fine size borne in profusion on plants of great vigor. **Pkt., 10c; oz., 30c.**

KING WHITE
The king of all white Sweet Peas. The flowers are of gigantic size and perfect in finish. Absolutely pure white. **Pkt., 10c; oz., 30c.**

AUSTIN FREDERICK IMPROVED
A most pleasing shade of lavender. Flowers are of the largest size and are borne 4 to a spray on long stiff stems. **Pkt., 10c; oz., 30c.**

DOREEN
Large rose carmine flower. Because of its brightness it is very popular. Vigorous grower, bearing flowers of fine form on long strong stems. **Pkt., 10c; oz., 30c.**

HAWLMARK CERISE
A beautiful bright salmon cerise, shade is specially affected under artificial light. Should be included in every collection. **Pkt., 10c; oz., 30c.**

ECKFORD'S HYBRID LARGE FLOWERING SWEET PEAS
This is a very interesting strain of Sweet Peas, as they come in mottled and speckled colors as well as the clear tones. They make up beautifully in bouquets. **Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; lb., $1.25.**

The Spencer Strain are the most beautiful in size, shape, color and fragrance of any of the Sweet Pea family. Flowers are borne abundantly all thru the summer. The more they are picked, the better they will bloom.
The following varieties are the outstanding creations within the last few years.

REFLECTION
This is the outstanding novelty in Sweet Peas for 1929. "Reflection" is a great improvement in the clear blue section in Sweet Peas. It is the result of a cross made for blueness and vigor. It is a robust grower with long, stout stems, usually having 4 well placed flowers on each. The flowers are bold, nicely waved, of large size and clear blue with only a slight trace of mauve in the young bud.
This being a new variety, and just introduced, the seed is in short supply and offered only in **packets of 25 seeds for 25c.**

CULTURE

In the growing of Sweet Peas, plant them where they will get the morning sun only; by that we mean up to noon. In the preparation of the seed bed a trench should be dug about a foot deep, placing, if it is obtainable, about 4 inches of well rotted barnyard manure in the trench, covering this with about 3 inches of black dirt, then sow the seed, after soaking them over night, cover about 2 inches; after they have come through keep covering up until the trench is entirely filled. We also advise the use of NITRAGIN as an inoculator; this will bring about more luxurious growth and much heavier blooming. DO NOT train Sweet Peas on wire or chicken netting; this becomes too hot and will burn the tendrils of the plants and they will either be dwarfed or killed. Train them on brush or strings and your result will be much better.

When ordering, specify for Sweet Peas

Garden Size 20 Cents

PINKIE
A rich deep rose-pink. It is a result of a cross made for vigor and color and the result is most outstanding. "Pinkie" is larger than any other variety we have ever seen blooming in the deep pink section. This is the outstanding novelty of 1928. The flowers are nicely waved and well placed on the stems. **Pkt., 15c; oz., 75c.**

PURPLE MONARCH
This is a large, vigorous growing, purple Sweet Pea, the color is just a little deeper than the so-called Royal shade and the flowers have a beautiful velvety sheen. The flowers are large, well waved, and borne on long stems. The vines are vigorous and produce a wealth of fine blooms. **Pkt., 15c; oz., 75c.**

RAVENSWING
A very deep black maroon Sweet Pea, and for depth of color it is quite remarkable. This variety is a strong grower and the flowers are borne on good stout stems. **Pkt., 15c; oz., 75c.**

PRINCE OF ORANGE
A large, very deep orange variety. When well grown and shaded it is a luminous flame color. It is a deeper, richer and more brilliant orange than any other variety of this class. Blooms nicely waved and well placed on good stems. **Pkt., 15c; oz., 75c.**

SUNKIST
The ground is a clear rich cream and the picotee edging is clearly and cleanly defined. The flowers are large and bold, well waved and beautifully placed on good stout stems. **Pkt., 15c; oz., 75c.**

WEMBLEY
A large light blue lavender, beautiful flower in form and shade. A vigorous grower. Makes a charming combination with pink and blue varieties. **Pkt., 10c; oz., 30c.**

HEBE
A fine large rose pink. Popular not only for its lovely clear color but on account of its vigorous growth and unusually long stout stems. Recommended for all gardens and exhibition. **Pkt., 10c; oz., 30c.**
1 pkt. each of the 16 varieties, $1.75, or 1 oz. each of the 16 varieties for $5.75.

SUPERFINE MIXTURE
This mixture is the product of a blend made up of forty varieties which will give one the opportunity to select bouquets of various shades. **Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 75c; lb., $1.40.**

Novelties of Outstanding Merit

SNAPDRAGON (Antirrhinum Maximum)

This is a new strain of the Snapdragon or Antirrhinum growing about 3 feet tall producing long stalks of large flowers 2 to 3 inches across closely arranged on the stalk. Some say they rival the Gladiolus.

Apple Blossom, Rosy-pink, yellow lip.
Cattleya, Rosy-lilac.
Copper King, Velvety copper-scarlet.
Golden Queen, Deep yellow.
Old Gold, Deep golden yellow.
Purple King, Deep glowing purple.
Ruby, Velvety, ruby-red.
Snowflake, Pure white, yellow tube.
The Rose, Rose-pink.
Wallflower, Brownish orange, copper-red.

Pkt., 20c; or 1 pkt. each of any six varieties, $1.00; or 1 pkt. each of the 10 varieties for $1.50.

A well balanced fine mixture. **Pkt., 15c; ¼ oz., 40c; ½ oz., 75c; oz., $1.25.**

PENSTEMON, SENSATION

(See colored illustrations on inside back cover)

This beautiful flower grows about 2 feet tall; it is a perennial but can be easily grown as an annual. The seed when sown inside during February or March will bloom freely the first year. The large flower spikes produce beautiful Gloxinia-like flowers. Very brilliant various colored blooms. One of the most desirable flowers in the border and very attractive when planted in combination with the Maximum Snapdragon. **Pkt., 25c.**

SALPIGLOSSIS, EMPEROR

(See inside back cover for colored illustrations)

This is the same in coloring as the other strains we offer but the blooms are much larger and velvety. **Pkt., 15c; ½ oz., 65c; oz., $1.25.**

BLUE PERENNIAL POPPY

(Meconopsis Baileyii)

One of the finest introductions of recent years. This beautiful Blue Perennial Poppy, brought over from Tibet to England by Captain Kingdon Ward, throws up from its rootstalk half a dozen leafy stems 2 to 3 feet tall, broad sea-green leaves bearing freely at their heads large four-petaled blooms of a Glorious Sky-Blue color, the effect of which is made more beautiful by a central zone of golden-yellow antlers. It is quite hardy, preferring a shady position, this beautiful plant received "Certificates of Merit" by the Royal Horticultural Society, and should, as it becomes known, be one of the most popular plants in cultivation. **Pkt., 35c.**

GEUM (Orange Queen)

A beautiful hardy perennial, bearing profusely large bright orange-scarlet blooms. This is quite an innovation over the old type, Mrs. Bradshaw. A very fine flower for bouquets. **Pkt., 25c.**

CALLIOPSIS (Tom Thumb "Dazzler")

Few plants can rival for depth and richness of coloring with the Calliopsis. It is very easily grown, this particular strain not growing over 12 inches high, which makes it a decidedly dwarf specie. The flowers completely cover the plants with a rich maroon-red center and a broad golden-yellow border. For bedding it is strongly recommended and when interspersed in borders with Ageratum it makes a very beautiful effect. **Pkt., 20c.**

Novelties of Outstanding Merit

PETUNIA, CARNATION FLOWERED
(See inside back cover page for colored illustration.)

This, without doubt, is the richest thing in Petunias, the flowers resembling Carnations. Highly recommended for pot culture as well as a variety to be transplanted into the open ground after warm weather is established. The plants are literally covered with blossoms; up to the present time it has only been developed into the rose shades. The seed is only being offered in a very limited supply. **Pkt., 35c.**

If interested in tulips, hyacinths, narcissus, crocus, peonies, iris and lilies, request a fall catalogue, giving name and address on separate slip of paper. One will be mailed you during the month of August.

DELPHINIUM. (Hollyhock Strain)
(See inside back cover page for colored illustration.)

A decided improvement on this wonderful flower. A fine mixture of all light shades with clear blue predominating. The flowers are large and very double, well placed on long pyramidal spikes. The sturdy growth and general appearance reminds one of the Hollyhock. This type is the result of several years painstaking hybridizing and reselection. This strain is highly recommended to those who wish the better things in their garden. **Pkt., 35c.**

SCABIOSA CAUCASICA

(Blue Bonnet.) One of the most beautiful of the hardy perennials, very desirable for cutting, the blooms lasting a long time after being picked, color lavender-blue. The plants grow about 3 feet tall. **Pkt., 25c.**

Shasta Daisy (Alaska)

SHASTA DAISY. (Alaska)

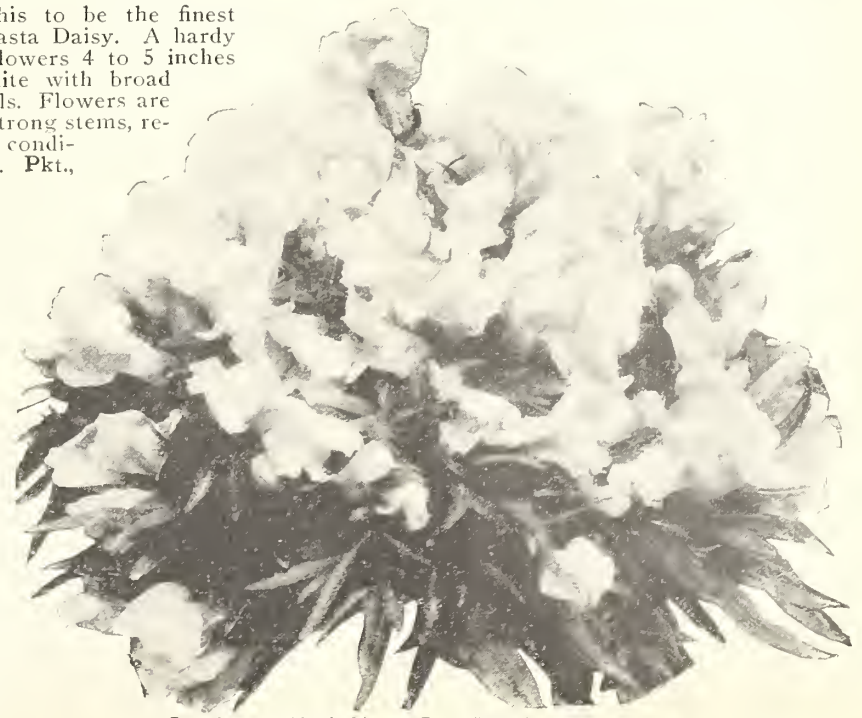
We believe this to be the finest strain of the Shasta Daisy. A hardy perennial with flowers 4 to 5 inches across, pure white with broad overlapping petals. Flowers are carried on long strong stems, remaining in good condition for a week. **Pkt., 20c.**

VERBENA HYBRIDA "COLOSSAL"

A choice new species of Verbena. Each one of the individual florets of the blossom exceed an inch in diameter. One can hardly believe when they see this flower that it is of the Verbena classification. The strain now offered contains rose shades and rose auricula eye. **Pkt., 25c.**

SNAPDRAGON. (Antirrhinum Tom Thumb "Dainty Gem")

This variety is distinctly a plant of Tom Thumb habit and decidedly compact. The stock runs true, it does not throw a percentage of taller plants, this feature making it very desirable for edging or to be used in a rock garden. The flowers are of a beautiful dark shade of rose. We recommend this very highly. **Pkt., 25c.**



Snapdragon (Antirrhinum Tom Thumb "Dainty Gem")

Gladiolus Bulbs

ALICE TIPLADY
Orange, a beautiful bloom. ½ doz., 35c; doz., 60c.

ARIZONA
Dark pink, maroon markings on lower petals. ½ doz., 35c; doz., 65c.

*A. W. HUNT
Large flowers well placed on a tall stalk. This is the best orange-red variety. ½ doz., $1.00; doz., $1.90.

BARON JOS. HULOT
Deep violet blue, lighter lines in throat. ½ doz., 50c; doz., 90c.

*BENGAL TIGER
A peculiar dull red, with dusky, bluish-gray stripes; a very striking variety. ½ doz., $1.00; doz., $1.90.

*BLACK PANSY
A very interesting peculiar shaded Gladiolus. A rich exceptionally deep dark red with a pansy-like throat. ½ doz., 60c; doz., $1.10.

BLUE JAY
Large flowers of bright blue with pure white spots in the throat. One of the bluest of "glads." ½ doz., 65c; doz., $1.25.

*BYRON L. SMITH
Lavender pink, delicate yellow blotch on lower petals. One of the finest gladioli. ½ doz., 40c; doz., 75c.

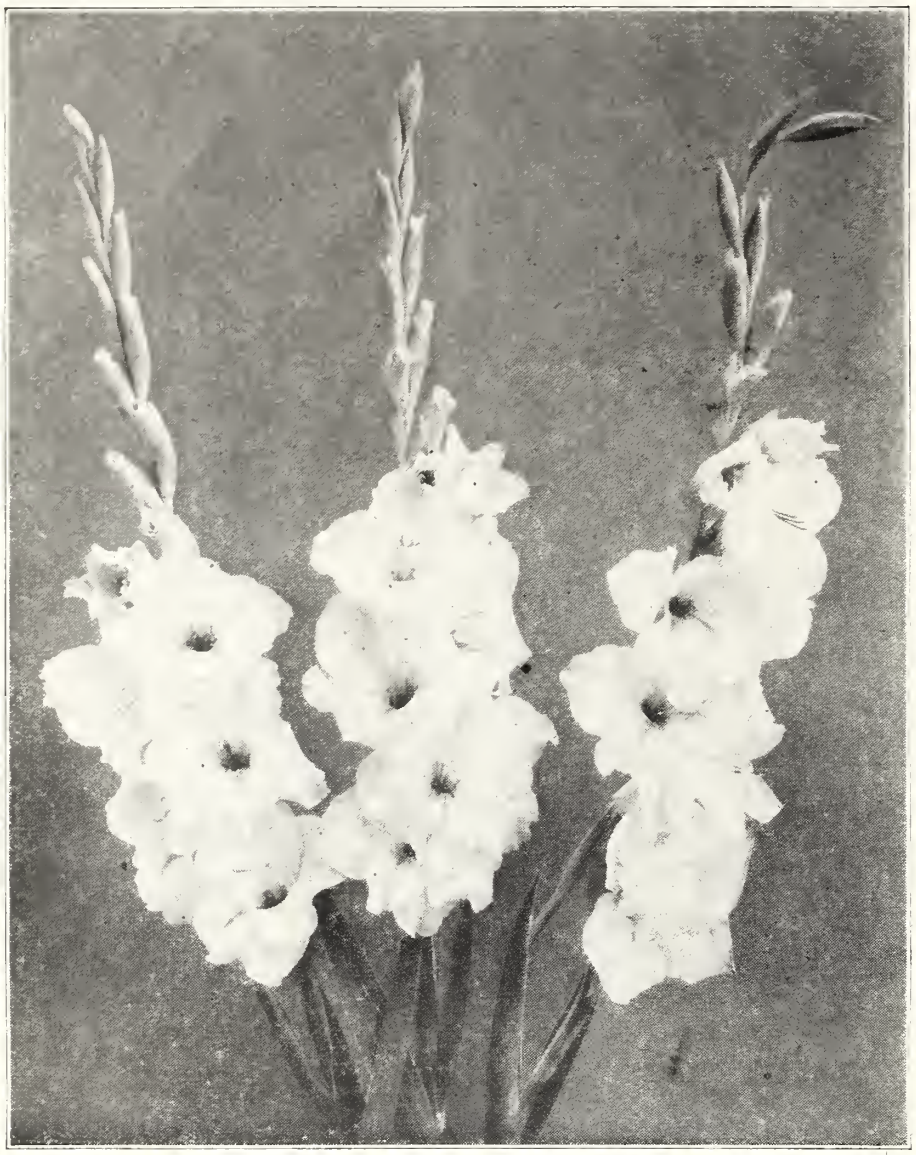
*CAPTAIN BOYNTON
A beautiful lavender with deeper shade blotch on lower petals; perfectly placed large flowers on tall strong stems. One of the wonder Gladiolus. **Each, 25c; ½ doz., $1.25; doz., $2.25.**

*CARMEN SYLVA
Snow-white, large flowers well placed on a perfectly straight tall stem. An extra fine cut flower variety. ½ doz., 60c; doz., $1.10.

CATHRINA
Beautiful grayish light blue, lower petals deeper blue with brownish red spot. ½ doz., 60c; doz., $1.10.

CHATEAU THIERRY
A fine spike with enormous wide open scarlet-red flowers, with carmine stripe on creamy ground on lower petals. ½ doz., 65c; doz., $1.25.

MR. H. W. PHIPPS GLADIOLUS



FERN KYLE GLADIOLUS

CONSPICUOUS
A beautiful blue variety with yellow throat, the individual blooms remind one of a blue pansy. ½ doz., 60c; doz., $1.10.

CRIMSON GLOW
Brilliant crimson, extra large flowers, tall spike. ½ doz., 55c; doz., $1.00.

*CRINKLES
A strong vigorous grower, deep peach blossom pink, intensely ruffled petals. Words fail to give proper description. **Each 50c; ½ doz., $2.50; doz., $4.50.**

*DIANA
Considered by Gladiolus fanciers the best red up to the present time, it is a rich bright red and a bloom of exceptional quality. **Each, 25c; ½ doz., $1.10; doz., $2.10.**

DISTINCTION
Dark violet, very tall spike. ½ doz., 55c; doz., $1.00.

*DR. F. E. BENNETT
Peach-red overlaid with flame-scarlet, throat speckled with ruby and creamy-white. Very large flowers of great substance, many open at one time on strong stalks. A very sturdy grower. **40c each; ½ doz., $2.00; doz., $3.75.**

GLADIOLUS CULTURE

In recent years the Gladiolus has gone through a very rapid development. The color effects one can now secure are beyond verbal description. The clear tones of all colors and shades are obtainable; the colors with interesting markings and color combinations are exquisite.

No garden today is complete without a generous planting of them; starting shortly after the first of April, successive plantings can be made up to June 15th. This is true in the latitude of Northern Illinois. Farther South of course the plantings can be extended over a wider range of time.

We suggest that you buy your Gladiolus in named varieties so that you will learn to know them as you know people—this would be an asset; or if you wish to at any time take part in any Gladiolus show that is being given, you would have your entries of known varieties, which is essential. Do not think that it is necessary to be a big producer of bulbs to be able to have varieties that would be prize winners. Just have a range of varieties in the colors and there is no doubt but what you would be amply repaid for your effort in having a blue ribbon attached to some specimen you might show. Furthermore, whether you wish to show or not, the joy of having the varieties and knowing them brings about considerable pleasure.

As heretofore stated start your plantings about April 1st, setting the bulbs 4 to 5 inches deep in almost any type of garden soil. Naturally the richer the soil the larger your flower stalks and more vigorous your plant resulting in a reestablishment of bulbs for the following year.

We have never harvested a finer lot of bulbs than in the fall of 1928. We only offer for sale what is known as first size, by that we mean, bulbs that are 1½ inch and up in diameter.

The following varieties marked with an asterisk * we wish to call to your attention. While all varieties listed are of particular importance those so marked we believe to be of exceptional merit. The varieties we have boxed in are of the very newest introductions.

*EARLY SUNRISE
Deep orange-salmon with yellow blotch on lower petals; very early. One of the most beautiful in this color. Large blossoms. ½ doz., 55c; doz., $1.00.

EVELYN KIRTLAND
Rosy pink, darker at the edges fading to shell pink center. ½ doz., 40c; doz., 75c.

*E. J. SHAYLOR
A beautiful deep rose-pink; one of the best ruffled varieties. An excellent cut flower, many blooms open at one time. ½ doz., 45c; doz., 80c.

*FAIR COLUMBIAN
Tall, vigorous plant with large, fine, showy lilac blossoms with deeper colored throat. ½ doz., 60c; doz., $1.10.

*FERN KYLE
Large ruffled creamy-white flowers, many blooms open at one time on a long strong stem. A highly refined variety. Wherever shown it has brought expressions of wonderment. This variety was introduced at $25.00 per bulb, now offered at 50c each; ½ doz., $2.50; doz., $4.50.

FLORA
Beautiful golden yellow, large flowers. ½ doz., 55c; doz., $1.00.

FRANCIS KING, MRS.
Salmon red, a fine flower. ½ doz., 30c; doz., 55c.

*GIANT NYMPH
Light rose-pink with creamy yellow throat; very large wide open flowers, well arranged on long stems, grows 5 to 6 feet tall. ½ doz., 75c; doz., $1.40.

*GOLDEN MEASURE
The best yellow variety, very large, deep golden in color with the blooms slightly ruffled. This variety grows exceptionally tall. ½ doz., 70c; doz., $1.25.

HERADA
Large blooms on a tall straight spike. Pure mauve as main color with lavender and lilac markings. ½ doz., 45c; doz., 80c.

*IONIA
A creamy yellow suffused with pink which makes it a beautifully toned variety. A very tall spike carrying the blossoms beautifully placed. ½ doz., 70c; doz., $1.30.

*JOE COLEMAN
An outstanding large rich red Gladiolus, ruffled edge. ½ doz., 60c; doz., $1.10.

*J. A. CARBONE
Irridescent orange-salmon shaded darker towards the edges, center yellow; large flowers well placed on long stems. An extra choice variety. **Each 25c; ½ doz., $1.10; doz., $2.10.**

*KIRCHOFF'S VIOLET
A deep, rich, velvety violet, large flowers well placed on the stem. One of the most beautiful Gladiolus in its color. **Each 40c; ½ doz., $2.00; doz., $3.75.**

LILY LEHMAN
Ivory white, lily shaped flowers. ½ doz., 40c; doz., 75c.

*LOS ANGELES
Known on the West Coast as a cut and come again. The bulbs usually produce in this part of the country 3 stalks. Shrimp-pink with orange-carmine throat. The color scheme is very pleasing and greatly admired by all who have seen it. A variety of individuality. **Each 25c; ½ doz., $1.10; doz., $2.10.**

LOVELINESS
Creamy white, large flowers. ½ doz., 50c; doz., 90c.

*L. W. WHEELER
A distinct shade of pink suffused with yellow blending to a strong yellow toward the center blotch of crimson. Flowers well placed on tall spike carrying 10 to 12 blooms open at one time. **Each 25c; ½ doz., $1.10; doz., $2.10.**

Gladiolus Bulbs

MAJESTIC
Fine orange pink, large flowers, distinct variety. ½ doz., 60c; doz., $1.10.

*MARIE KUNDERD
Pure white with almost invisible pink lines in center of the lower petals. Very finely ruffled and early. ½ doz., $1.10; doz., $2.10.

MARY PICKFORD
Delicate creamy white with yellow blotch, very early. ½ doz., 50c; doz., 90c.

*MARTHA WASHINGTON IMPROVED
An exceptionally tall vigorous grower. The best description we can give of its color is to liken it to the Martha Washington Geranium. A very choice variety, will take the prize at any Gladiolus show. Each 40c; ½ doz., $2.00; doz., $3.75.

*MERCEDES
Carmine-rose and pale rosy-white in color. An effective red blotch on the lower petals. Another prize winner. ½ doz., 70c; doz., $1.30.

MONA LISA
A ruffled variety soft rose-pink in color making a very beautiful stalk. ½ doz., 60c; doz., $1.10.

*MR. W. H. PHIPPS
La France Pink, overlaid with salmon-rose lighter towards the center, lower petals faintly striped and speckled with ruby; enormous flowers perfectly placed on gigantic stems. 15 to 20 open at one time. A super variety. Each, 50c; ½ doz., $2.60; doz., $5.00.

*MRS. DR. NORTON
Silver white blossoms, tips of petals marked crab apple pink. A dainty flower. ½ doz., 50c; doz., 90c.

*MRS. FRANK PENDLETON
Large pink flowers with deep carmine blotch. ½ doz., 35c; doz., 60c.

*MRS. FREDERICK C. PETERS
Resembling an Orchid in color. A beautiful shade of rose-lilac with crimson blotch. Flowers are very large and many open at one time borne on a long stalk. ½ doz., 75c; doz., $1.40.

*MRS. H. A. CAESAR
A beautiful shade of lavender shading to lilac with a yellow spot on the lower petals. 6 to 8 flowers open at one time. This is one of the exceptional Gladiolus. ½ doz., 75c; doz., $1.40.

*MRS. H. E. BOTHIN
Flesh pink, tinted salmon; flame scarlet center; heavily ruffled. A beauty. ½ doz., 60c; doz., $1.10

MARTHA WASHINGTON

*MRS. LEON DOUGLAS
Begonia-rose striped with flame-scarlet, lower petal pale lemon speckled ruby. Extremely large flower, many open at one time. Very tall, strong stem with several side shoots, the whole forming a gigantic bouquet. This is considered the largest Glad in existence. Each, 45c; ½ doz., $2.50; doz., $4.75.

MRS. WATT
American beauty rose color. ½ doz., 35c; doz., 60c.

MYRTLE
A very fine pink blending into a deeper pink. ½ doz., 50c; doz., 90c.

MYSTIC
An exceptionally early clear pink variety. ½ doz., 40c; doz., 75c.

PUREST OF ALL

NIAGARA
Creamy yellow. ½ doz., 40c; doz., 75c.

ODIN
Deeper than Prince of Wales, larger flowers, small deep red spot on lower petals. ½ doz., 45c; doz., 80c.

*ORANGE GLORY
Ruffled flowers, orange, lighter throat, large flowers. ½ doz., 75c; doz., $1.40.

*PEACH ROSE
A wonderful variety. Extra choice in its color of deep rose-pink with rose-red blotches in the throat. 25c each; ½ doz., $1.25; doz., $2.25.

PINK PERFECTION
Bright fine light pink; large flowers. ½ doz., 55c; doz., $1.00.

PRINCE OF WALES
Delicate salmon. A great number of flowers open at one time. ½ doz., 40c, doz., 75c.

*PUREST OF ALL
A beautiful pure white variety of large size. Excellent spike with well placed flowers. This beautiful Gladiolus is all that the name implies. Each, $1.00; ½ doz., $5.00.

*PURPLE GLORY
Velvet maroon, ruffled flowers. A wonderful spike. Each, 20c; ½ doz., $1.00; doz., $1.90.

*RAJAH
Dark red without any markings; many large flowers open at one time, forming a bouquet by itself. This Gladiolus won several prizes as the best dark red. Each, 50c; ½ doz., $2.00; doz., $3.75.

*ROMANCE
Orange-rose, red and yellow throat, wine-blue bordered petals; an unusual, beautiful variety. ½ doz.., 55c; doz., $1.00.

ROSE ASH
Ashes of roses. Another unusual spike. Each, 15c; ½ doz., 80c; doz., $1.50.

ROSE GLORY
Another ruffled rose-pink variety. ½ doz., 60c; doz., $1.10.

SCARLANO
Brilliant scarlet, large flowers. ½ doz., 40c; doz., 75c.

*SHIELA
Exceptionally good early variety. Unusual colors a light coral-red shading to flesh-pink. Primrose blotches on lower petals penciled with purple. ½ doz.; $1.00; doz., $1.90.

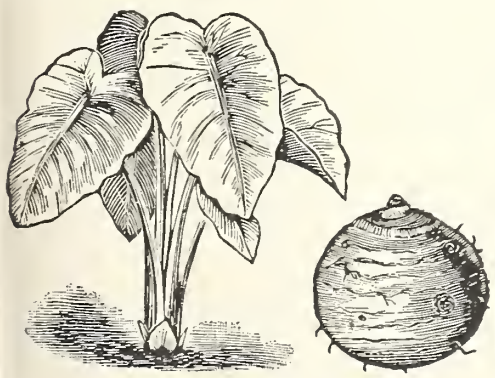
*THOMAS EDISON
Large salmon-orange wide open flowers on strong stems. Exceptionally early. Each, 30c; ½ doz., $1.50; doz., $2.75.

*VIOLET GLORY
Very large flowers deep violet in color with deeper shade in the throat, medium ruffled. ½ doz., $1.00; doz., $1.90.

WHITE GIANT
Enormous snow white blossoms on tall majestic stems. The petals are pointed and spreading, giving the flowers a lily-like appearance. ½ doz., 70c; doz., $1.25.

1910 ROSE
Very large flower of pure rose pink; white center lines on the lower petals. ½ doz., 40c; doz., 75c.

SUPERFINE MIXTURE
Containing many of the varieties listed above and others. Our own selection, however, of excellent varieties and quality of stock. ½ doz., 25c; doz., 40c; 25, 75c; 50, $1.40; 100, $2.65; 1000, $21.50. Parcel post or express charges prepaid.



CALADIUM BULBS
A magnificent and tropical-looking plant for the lawn. It is sometimes called Elephant Ear owing to the appearance of its massive leaves. Give them a rich, light sandy soil if possible, with plenty of moisture. **Mammoth bulbs each, 25c; ½ doz., $1.15; doz., $2.15.**

Lily of the Valley. These beautiful little flowers should have a place in every garden. Considered the daintiest of our spring flowering plants. **Roots or pips at 45c per dozen; 100, $3.30, 50 at the hundred rate.**

LILY OF THE VALLEY

BOOKS ON GARDENING

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The Amateur Gardener's Handbook
4th edition, 384 pages, over 275 illustrations

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A guide book to daily operations, covering the flower, vegetable and fruit garden. The great majority of the questions asked are bona fide.

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For the owner of a Modest Home

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276 pages, size 6 x 8 in. PRICE, $2.65, postpaid.

LILIUM AURATUM
(The Gold-Banded Lily of Japan)

This is the most beautiful of the Lilies. Very large, glistening white flowers, thickly studded with crimson spots, while through the center of each petal runs a clear golden yellow band. Thrives best in locations where the lower portion of the plant is shaded, as among Peonies or other low-growing perennials. Perfectly hardy with ordinary protection. Mammoth bulbs, 10-13 inches. **45c each; $2.50 per 6; $4.75 per 12.**

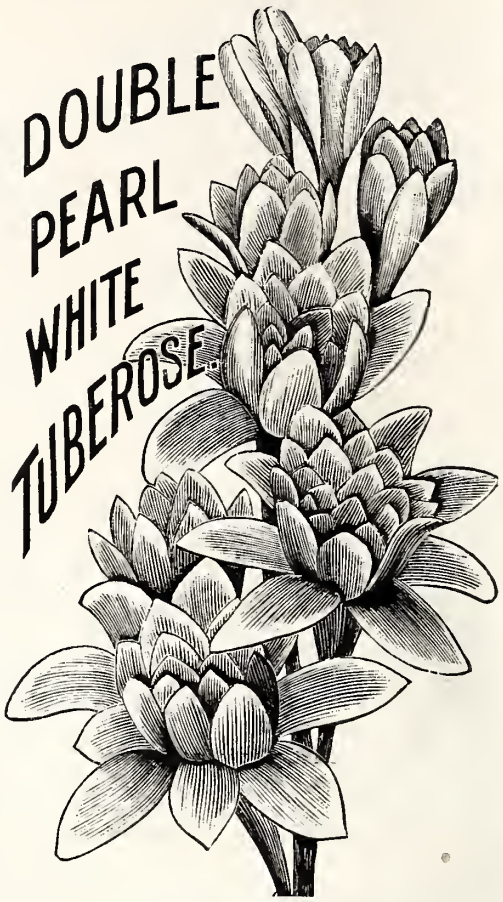
LILIUM SPECIOSUM RUBRUM

The Speciosum varieties are probably the most popular Lilies grown, bearing flowers of a most delicate beauty in August. Wonderful for perennial borders. When fully open these beautiful blooms are a gorgeous sight, the petals curving back to the stem, exposing the rose and crimson markings. Mammoth bulbs, 11-13 inches. **40c each; $2.00 per 6; $4.00 per 12.**

BULB CATALOG

Our fall catalog of bulbs will be ready for distribution about the middle of August. If you are interested in tulips, hyacinths, crocus, narcissus, peonies, iris and lilies, don't fail to have a copy mailed you.

As a suggestion when you send in your order for seed, request a fall catalog, making this request on a separate slip of paper, with your name and address, and as soon as the catalogs are off the press, one will be mailed you.



DOUBLE PEARL TUBEROSE BULBS

These are beautiful, sweet scented flowers, and are very finest for the house as well as the garden. The bulbs can be started indoors early and set in open ground when warm. **Three for 20c; ½ dozen, 36c; dozen, 65c.**

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4. Zinnia, Dahlia Flowered, mixed. **Pkt. 10c.**
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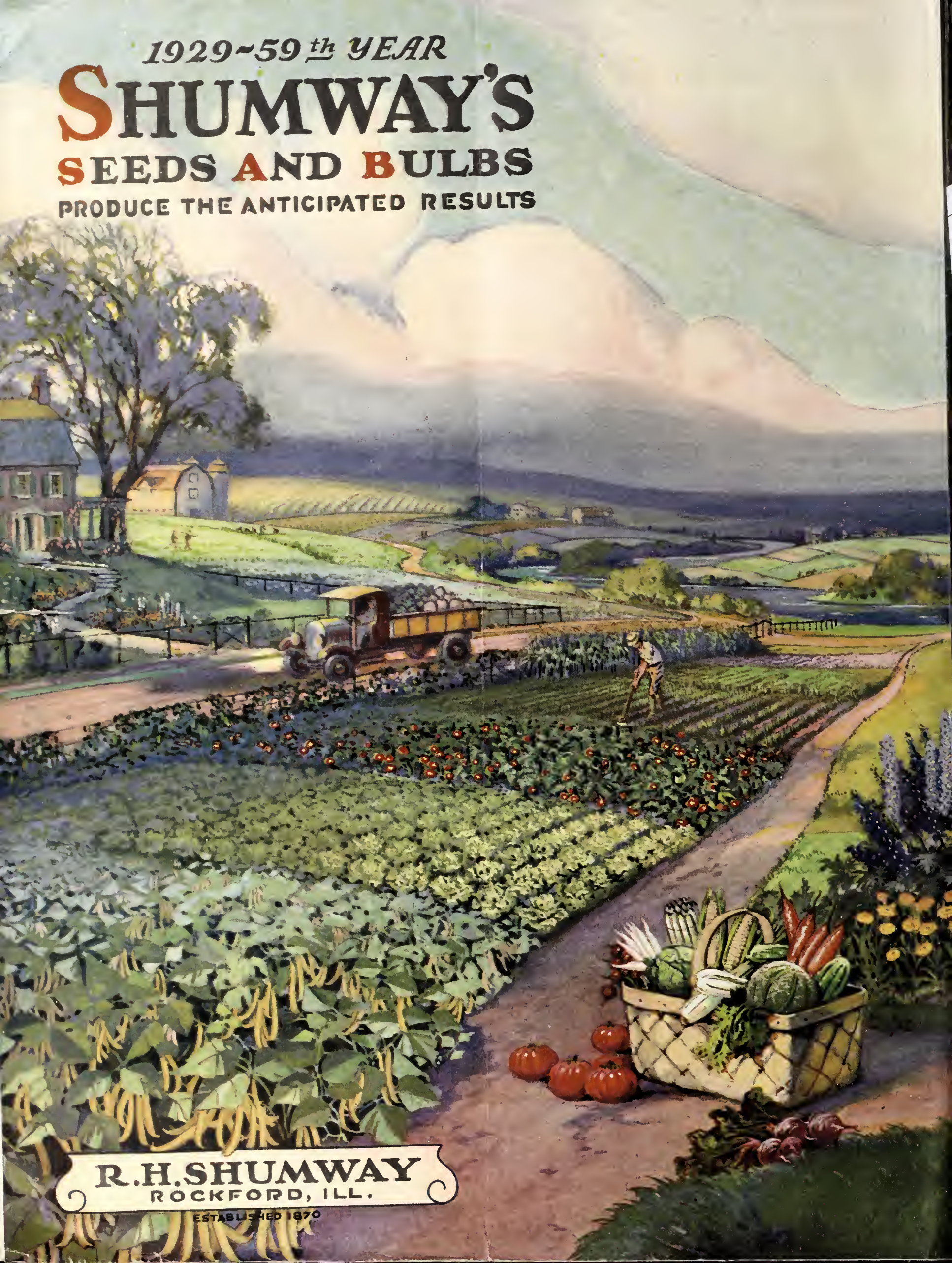

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